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Canada

CIPO OPIC

THE CANADIAN PATENT OFFICE RECORD
LA GAZETTE DU BUREAU DES BREVETS

Johanne Bélisle
Commissioner of Patents

Johanne Bélisle
Commissaire aux brevets

The Canadian Patent Office Record is published on Tuesday of each week under the authority of the Commissioner of Patents, Ottawa-Gatineau, Canada, to whom all communications should be addressed.

The Canadian Intellectual Property Office does not guarantee the accuracy of this publication, nor undertake any responsibility for errors or omissions or their consequences.

La Gazette du Bureau des brevets paraît le mardi de chaque semaine sous l'autorité du Commissaire aux brevets, Ottawa-Gatineau, Canada, à qui doit être adressée toute correspondance.

L'Office de la propriété intellectuelle de Canada ne garantit pas l'exactitude de la présente publication et ne se rend responsable d'aucune erreur ou omission ou de leurs conséquences.

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Notices

1. Dates and Code Numerals Appearing in Patent Headings

Dates
All dates appearing in the patent headings of this publication follow the form recommended by the International Standards Organization. The four digits on the left represent the years followed by two digits each for the months and the days. For example, January 02, 1999 will be shown as 1999-01-02.

Code Numerals
The numerals within the brackets in the patent headings are INID codes. "INID" is an acronym for "Internationally agreed Numbers for the Identification of Data". These codes are utilized to identify patent bibliography as recommended by the Permanent Committee on Industrial Property Information (PCIPI) under the administration of the World Intellectual Property Organization (WIPO) based in Geneva, Switzerland.

The INID Codes and their corresponding definitions of bibliographic data elements are as follows:

[11] - Number of Patent document
[13] - Kind-of-document code
[21] - Number assigned to the Application
[22] - Date of Filing Application or
[22] - Date of filing of related divisional application
[25] - Language in which the published application was originally filed
[30] - Data relating to priority under the Paris Convention

[41] - Open to Public Inspection Date
[45] - Date of Issue
[48] - Correction Date (Re-Issued, Re-Examined)
[51] - International Classification
[52] - Domestic Classification
[54] - Title of Invention
[60] - Related by Supplementary Disclosure
[62] - Related by Division
[64] - Related by Reissue
[71] - Name(s) of Applicant(s)
[72] - Name(s) of Inventor(s)
[73] - Name(s) of Grantee(s)
[85] - National Entry Date
[86] - PCT International Filing Data
[87] - PCT International Publication data

Avis

1. Dates et chiffres de code figurant à l'entête des brevets

Dates
Toutes dates figurant aux entêtes des brevets de cette publication suivent la forme recommandée par l'Organisation des normes internationales. Les quatre chiffres de gauche représentent les années et sont suivis, vers la droite, de deux autres chiffres chacun, pour les mois et les jours. Le 2 janvier 1999, par exemple, sera représenté par 1999-01-02.

Chiffres de code
Les chiffres à l'intérieur des parenthèses aux entêtes des brevets sont des codes INID. Le sigle « INID » signifie « Identification numérique internationale des données bibliographiques » Ces codes sont utilisés pour l'indentification de la bibliographie de brevets, tel que recommandé par le Comité permanent chargé de l'information en matière de propriété industrielle (PCIPI), sous l'administration de l'Organisation mondiale de la propriété intellectuelle (OMPI), sise à Genève, Suisse.

Les codes INID accompagnés des définitions des données bibliographiques correspondantes sont comme suit :

[11] - Numéro du brevet
[13] - Désignation du type de document
[21] - Numéro attribué à la demande
[22] - Date du dépôt de la demande ou
[22] - Date du dépôt de la demande divisionnaire apparentée
[25] - Langue dans laquelle la demande publiée a été initialement déposée
[30] - Données relatives à la priorité selon la Convention de Paris
[41] - Date de mise à la disponibilité du public
[45] - Date de délivrance
[48] - Date de correction (Redélivrance, Réexamen)
[51] - Classification internationale
[52] - Classification nationale
[54] - Titre de l'invention
[60] - Apparenté par divulgation supplémentaire
[62] - Apparenté par division
[64] - Apparenté par redélivrance
[71] - Nom(s) du (des) demandeur(s)
[72] - Nom(s) de(s) l'inventeur(s)
[73] - Nom(s) du (des) titulaire(s)
[85] - Date d'entrée en phase nationale
[86] - Données du dépôt international selon le PCT
[87] - Données de publication internationale selon le PCT

2. Country Code

The Country Codes appearing in this publication conform to those contained in annex A of the *Handbook on Industrial Property Information and Documentation* published by the World Intellectual Property Organization (WIPO). This document is accessible from a link entitled Standards ST-3 on the List of WIPO Standards, Recommendations and Guidelines (Abbreviated Titles) located on the WIPO Web site: **(www.wipo.int/scit/en/standards/standards.htm)**.

2. Code des pays

Les Codes des pays qui se trouvent dans cette publication sont conformes à ceux dans l'annexe A du *Manuel sur l'information et la documentation en matière de propriété industrielle* publié par l'Organisation Mondiale de la Propriété Intellectuelle (OMPI). Ce document est accessible à partir de l'hyperlien intitulé Normes ST-3 dans la Liste des normes, recommandations et principes directeurs de l'OMPI (Titres abrégés) qui se trouve au site Web de l'OMPI: **(www.wipo.int/scit/fr/standards/standards.htm)**.

3. How to Purchase Paper Copies of Canadian Patents and Canadian Applications Open to Public Inspection

Paper copies of all other Canadian Patents and Canadian applications open to public inspection may be purchased at the cost of $1 per page by visiting **(www.strategis.ic.gc.ca/patentsorder)** or by writing to the Commissioner of Patents, Ottawa-Gatineau, K1A 0C9.

Item 25.1* On requesting copy in electronic form of a document:	N/A
a) for each request	$10
b) plus, for each patent or application to which the request relates	$10
c) plus, if the copy is requested on a physical medium, for each physical medium requested in addition to the first	$10
d) plus, for each additional 10 megabytes or part of them exceeding 7 megabytes	$10

3. Comment acheter des copies sur papier de brevets canadiens et de demandes canadiennes mises à la disponibilité du public

Les copies sur papier de tous les autres brevets canadiens et des demandes canadiennes mises à la disponibilité du public peuvent être achetées au coût de 1 $ par page en visitant notre site Web **(www.strategis.ic.gc.ca/brevetscommande)** ou en écrivant au Commissaire aux brevets, Ottawa-Gatineau, K1A 0C9.

Article 25.1* Demande d'une copie d'un document sous forme électronique :	S.O.
a) pour chaque demande	10 $
b) pour chaque demande de brevet ou brevet visé par la demande	10 $
c) dans le cas où le document doit être copié sur plus d'un support matériel, pour chaque support matériel additionnel	10 $
d) pour chaque tranche de 10 méga-octets qui excède 7 méga-octets, l'excédant étant arrondi au multiple supérieur	10 $

4. Orders for Patents by Class or Sub-Class

A listing of all patents that have issued in each class or sub-class including both patents in force and expired patents, may be ordered at a price of $1 per page from the Patent Office.

4. Commande de brevets par classe ou sous-classe

Les listes de brevets délivrés dans chaque classe ou sous-classe, incluant les brevets en vigueur et ceux ayant expiré, peuvent être commandées auprès du Bureau des brevets au prix de 1 $ la page.

5. Advice on Making a Patent Application

Any person intending to file a patent application may obtain an information kit upon request from the Commissioner of Patents, Ottawa-Gatineau, Canada K1A 0C9. It is recommended that applicants make use of the services of a registered Patent Agent. A list of Patent Agents in any area of Canada will also be supplied upon request.

5. Conseils relatifs à la préparation de demandes de brevets

Toute personne qui a l'intention de déposer une demande de brevet peut obtenir une trousse d'information sur demande faite au Commissaire aux brevets, Ottawa-Gatineau, Canada K1A 0C9. On recommande aux demandeurs d'avoir recours aux services d'un agent de brevets inscrit au registre. Une liste des agents de brevets dans n'importe quelle région du Canada sera également fournie sur demande.

6. Licensing of Patents

Voluntary Licences

Persons desiring to use, make or sell an invention patented in Canada should negotiate terms with the patent owner. The address of the patentee may be obtained by writing to the Commissioner of Patents, Ottawa-Gatineau, Canada, K1A 0C9. If a voluntary licence cannot be arranged, a compulsory licence may be possible.

Compulsory Licences

Three years after a patent has been granted, one may request a compulsory licence to use the patent if there has been an abuse of the exclusive right. See Sections 65 to 71 of the *Patent Act*. Applications for a compulsory licence are made to the Commissioner of Patents.

6. Octroi de licences en vertu des brevets

Licences librement accordées

Les personnes désirant utiliser, fabriquer ou vendre une invention brevetée au Canada doivent en négocier les conditions avec le titulaire du brevet. L'adresse du titulaire peut être obtenue en écrivant au Commissaire aux brevets, Ottawa-Gatineau, Canada, K1A 0C9. S'il est impossible d'obtenir une licence résultant d'un libre accord, il est peut être possible d'obtenir une licence obligatoire.

Licences obligatoires

Il est possible de faire la demande d'une licence obligatoire trois ans après l'octroi d'un brevet si les droits exclusifs qui en dérivent ont donné lieu à un abus. Voir les articles 65 à 71 de la *Loi sur les brevets*. Les demandes de licence obligatoire doivent être présentées au Commissaire aux brevets.

7. Patents Available for Licence or Sale

An asterisk (*) placed beside any patent listed in this issue of the *Canadian Patent Office Record* indicates that as of the date of grant the said patent is available for licence or sale. These and other patents now made available for licensing are included in the listing in part 8 of these notices.

7. Brevets disponibles pour licence ou vente

Un astérisque (*) marqué à côté de tout brevet inscrit dans le présent numéro de la *Gazette du bureau des brevets*, signale qu'à compter de la date de la présente publication, ledit brevet est disponible pour octroi de licence ou vente. Une liste de ces brevets et d'autres mis en disponibilité pour octroi de licence, est publiée au no. 8 des présents avis.

8. List of Patents Available for Licence or Sale

The following Canadian patents have been made available this week for sale or licensing:

2,675,644
2,675,645
2,697,155
2,704,133
2,704,138

8. Liste des brevets disponibles pour octroi de licence ou vente

Les brevets canadiens suivants ont été mis en disponibilité cette semaine pour vente ou octroi de licence :

2,675,644
2,675,645
2,697,155
2,704,133
2,704,138

2,716,843
2,743,111
2,747,736

2,716,843
2,743,111
2,747,736

9. Applications Open to Public Inspection

All patent applications filed since October 1, 1989 and documents filed in connection therewith are open to public inspection at the Patent Office after the expiration of a confidentiality period of eighteen months beginning on the filing date of the application, or where a request for priority has been made in respect to the application, beginning on the priority date claimed. An application may become open to public inspection sooner at the request or with the approval of the applicant (Section 10(2) of the *Patent Act*). However, an application shall not be open for public inspection if it is withdrawn within the time set out in Section 92 of the *Patent Rules*. This time limit is two months before the expiry of the confidentiality period or where the Commissioner is able to stop technical preparations to open the application to the public at a subsequent date.

9. Demandes mises à la disponibilité du public

Toutes les demandes de brevet et documents relatifs à ceux-ci, déposés au Bureau des brevets depuis le 1er octobre 1989, peuvent y être consultées après l'expiration de la période de confidentialité de dix-huit mois à compter de la date de dépôt de la demande de brevet ou, si une demande de priorité a été présentée à l'égard de celle-ci, de la date de dépôt sur laquelle la demande de priorité est fondée. Une demande de brevet peut être consultée avant l'expiration de la période, à la requête ou sur autorisation du demandeur (article 10(2) de la *Loi sur les brevets*). Toutefois, une demande de brevet ne pourra être consultée si celle-ci est retirée à l'intérieur du délai prévu à l'article 92 des *Règles sur les brevets*. Le délai prévu est de deux mois précédant la date d'expiration de la période de confidentialité ou, lorsque le commissaire est en mesure, à une date ultérieure, d'arrêter les préparatifs techniques en vue de la consultation de cette demande.

10. Language of Published Documents

When ordering a published patent, please note that the language of the document can be identified by the language code (INID [25]) EN (English) or FR (French).

10. Langue du document publié

Toute personne intéressée à obtenir une copie d'un brevet publié doit prendre note que les codes suivants EN (Anglais) ou FR (Français) représentent (INID [25]) la langue de la copie du brevet publié.

11. Patent Cooperation Treaty (PCT) Schedule of Fees Applicable for Applications Filed on or After January 1, 2017

1. **Transmittal Fee** (Rule 14)	**$300**
2. **International Filing Fee**	**$1792***
For each additional sheet over 30	**$20**
3. **International Search Fee**	**$1600**

The above mentioned fees are due at time of filing of the international application, or within one month from the international filing date (date of receipt of the international application by the receiving office). These fees are to be paid in Canadian dollars and cheques should be made payable to the Receiver General for Canada.

If the fees are not paid within one month from the international filing date, the receiving office shall invite the applicant to pay the amount required, together with a late payment fee under

11. Traité de coopération en matière de brevets (PCT) barème de taxes à partir du 1 janvier 2017

1. **Taxe de transmission** (Règle 14)	**300 $**
2. **Taxe de dépôt internationale**	**1792 $***
Pour chaque feuille au delà de 30	**20 $**
3. **Taxe de recherche internationale**	**1600 $**

Les taxes mentionnées ci-haut sont payables au moment du dépôt de la demande internationale, ou dans un délai d'un mois à compter de la date de dépôt international, (soit la date de réception de la demande internationale par l'office récepteur). Les taxes doivent être payées en dollars canadiens et les chèques sont payables au receveur général du Canada.

Si les taxes n'ont pas été payées dans un délai d'un mois à compter de la date de dépôt international, l'office récepteur invitera le demandeur à payer le montant dû, accompagné de la

Rule 16bis.2, within one month from the date of the invitation. Failure to pay the fees will result in the withdrawal of the application by the receiving office.

4. Late payment fee
50% of the fees that are due, or,
Minimum: Transmittal fee
Maximum: 50% of the international filing fee

Preliminary Examination

5. Handling fee (Rule 57.2(*a*)) **$269**

6. Preliminary examination fee (Rule 58) **$800**

* International fees will be reduced by:

- **$269** for all applications filed electronically using PCT-SAFE or ePCT (The request in character coded format).
- **$404** for all applications filed electronically using PCT-SAFE or ePCT (The request, description, claims and abstract in character coded format).

taxe pour le paiement tardif visée à la règle 16bis.2, dans un délai d'un mois à compter de l'invitation. Si vous omettez de payer les taxes, l'office récepteur retirera votre demande.

4. Taxe pour paiement tardif
50% du montant impayé, ou,
Minimum : taxe de transmission
Maximum : 50% de la taxe de dépôt international

Examen préliminaire

5. Taxe de traitement (Règle 57.2*a*)) **269 $**

6. Taxe d'examen préliminaire (Règle 58) **800 $**

* Les frais seront réduits de:

- **269 $** pour toutes les demandes déposées en utilisant PCT-SAFE ou ePCT (La requête étant en format à codage de caractères).
- **404 $** pour toutes les demandes déposées en utilisant PCT-SAFE ou ePCT (La requête, la description, les revendications et l'abrégé étant en format à codage de caractères).

12. PCT Notices

Patent Cooperation Treaty (PCT)

Copies of the *Patent Cooperation Treaty Applicants Guide* and the *Patent Cooperation Treaty & Regulations* are available from WIPO - World Intellectual Property Organization at a cost of 200 Swiss Francs and 18 Swiss Francs, respectively.

Those wishing for further information including prices for both previous and current subscriptions should contact WIPO at:

Information Products Section
Post Office Box 18
1211 Geneva 20 Switzerland
Telephone (011 41 22) 338-9618
Facsimile (011 41 22) 740-1812

or by "E-mail" (**publications.mail@wipo.int**) or visit their Web site (**www.wipo.int**).

12. Avis PCT

Traité de Coopération en matière de brevets (PCT)

Des copies du *Guide du déposant du PCT* ainsi que du *Traité et des Règlements* sont disponibles auprès de l'OMPI - Organisation mondiale de la propriété intellectuelle au coût de 200 francs suisses et 18 francs suisses, respectivement.

Les personnes qui désirent obtenir de plus amples renseignements, notamment sur le prix des abonnements antérieurs et courants, sont priées de s'adresser directement à :

l'OMPI à la Section des produits d'information
Boîte postale 18
1211 Genève 20 Suisse
Téléphone (011 41 22) 338-9618
Télécopieur (011 41 22) 740-1812

ou par courriel (**publications.mail@wipo.int**) ou visiter leur site Web (**www.wipo.int**).

13. Practice Notice

LIMITED PARTNERSHIPS CAN BE ENTERED ON THE REGISTER OF AGENTS AND ON THE LIST OF TRADE-MARK AGENTS

Note: *This practice notice is intended to provide guidance on current Patent and Trade-marks Office practice and interpretation of relevant legislation. However, in the event of any inconsistency between this notice and the applicable legislation, the legislation must be followed.*

The Patent Office and the Trade-marks Office (hereinafter jointly referred to as "the Offices") have been receiving inquiries as to whether limited partnerships are entitled to act as patent and trade-mark agents before the Offices.

With respect to the register of patent agents, section 15 of the *Patent Act* provides that a register of patent agents shall be kept in the Patent Office on which shall be entered the names of all persons and firms entitled to represent applicants in the presentation and prosecution of applications for patents or in other business before the Patent Office. Section 2 of the *Patent Rules* stipulates that the expression "patent agent" means any person or firm whose name is entered on the register of patent agents pursuant to section 15. Paragraph 15(c) of the *Patent Rules* provides that the Commissioner shall enter on the register of patent agents, on payment of the fee set out in item 33 of Schedule II, the name of **any firm, if the name of at least one member of the firm is entered on the register.**

With respect to the list of trade-mark agents, subsection 28(2) of the *Trade-marks Act* provides that the list of trade-mark agents shall include the names of all persons and firms entitled to represent applicants in the presentation and prosecution of applications for the registration of a trade-mark or in other business before the Trade-marks Office. Paragraph 21(d) of the *Trade-mark Regulations* (1996) stipulates that the Registrar shall, on written request and payment of the fee set out in item 19 of the schedule, enter on a list of trade-mark agents the name of **any firm having the name of at least one of its members entered on the list as a trade-mark agent.**

Both the patent and trade-mark legislation therefore provide that firms may act as agents before the Offices, as long as one of their members is entered on the register or list of agents. It is generally recognised that the term "firm" includes partnerships, and the Offices have already allowed general partnerships and limited liability partnerships to be entered on the register or list of agents. The Offices consider that limited partnerships are also firms, and that they are entitled to act as agents before the

13. Énoncé de pratique

LES SOCIÉTÉS EN COMMANDITE PEUVENT ÊTRE INSCRITES AU REGISTRE DES AGENTS DE BREVETS ET SUR LA LISTE DES AGENTS DE MARQUES DE COMMERCE

Nota : *Le présent énoncé de pratique a pour but de préciser les pratiques actuelles du Bureau des brevets et du Bureau des marques de commerce et l'interprétation faite par ces derniers de certaines dispositions législatives. Toutefois, en cas de divergence entre le présent énoncé et la législation applicable, c'est la législation qui prévaudra.*

Le Bureau des brevets et le Bureau des marques de commerce (ci-après appelés conjointement « les Bureaux ») ont reçu des questions à savoir si les sociétés en commandite (en anglais « limited partnerships ») ont le droit d'agir en tant qu'agents de brevets et de marques de commerce auprès des Bureaux.

En ce qui concerne le registre des agents de brevets, l'article 15 de la *Loi sur les brevets* prévoit qu'un registre des agents de brevets est tenu au Bureau des brevets sur lequel sont inscrits les noms de toutes les personnes et entreprises ayant le droit de représenter les demandeurs dans la présentation et la poursuite des demandes de brevet ou dans toute autre affaire devant le Bureau des brevets. Aux termes de l'article 2 des *Règles sur les brevets*, « agent de brevets » s'entend de toute personne ou maison d'affaires dont le nom est inscrit au registre des agents de brevets aux termes de l'article 15. L'alinéa 15c) des *Règles sur les brevets* prévoit que le commissaire inscrit au registre des agents de brevets, moyennant paiement de la taxe prévue à l'article 33 de l'annexe II, le nom de **toute maison d'affaires dont le nom d'au moins un membre est inscrit au registre des agents de brevets**.

En ce qui concerne la liste des agents de marques de commerce, le paragraphe 28(2) de la *Loi sur les marques de commerce* prévoit que la liste des agents de marques de commerce comporte les noms des personnes et études habilitées à représenter les intéressés dans la présentation et la poursuite des demandes d'enregistrement des marques de commerce et de toute affaire devant le Bureau des marques de commerce. Aux termes de l'alinéa 21d) du *Règlement sur les marques de commerce* (1996), le registraire, sur demande écrite et sur paiement du droit prévu à l'article 19 de l'annexe, inscrit sur la liste des agents de marques de commerce le nom de **toute firme dont le nom d'au moins un membre est inscrit sur la liste à titre d'agent de marques de commerce.**

La législation actuelle sur les brevets et celle sur les marques de commerce prévoient donc que des firmes peuvent agir en tant qu'agents auprès des Bureaux, à condition que l'un de leurs membres soit inscrit au registre ou à la liste des agents. Il est généralement admis que le terme « firme » inclut les sociétés (en anglais «partnerships ») et les Bureaux ont déjà autorisé des sociétés en nom collectif (en anglais « general partnerships») ainsi que des sociétés à responsabilité limitée

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(en anglais « limited liability partnerships ») à être inscrites au registre ou à la liste des agents. Les Bureaux considèrent que les sociétés en commandite sont aussi des firmes et qu'elles ont le droit d'agir en tant qu'agents auprès des Bureaux.

Therefore, commencing immediately, the Offices will enter upon request, on the register or list of agents, limited partnerships that otherwise meet the requirements set out in the patent and trade-mark legislation.

En conséquence, sur demande, les Bureaux inscriront désormais au registre, ou à la liste des agents, les sociétés en commandite qui répondent aux exigences de la *Loi sur les brevets et de la Loi sur les marques de commerce.*

The Offices, however, continue to consider that the current patent and trade-mark legislation do not allow corporations to be entered on the register or list of agents, since corporations do not have members and therefore cannot meet the requirements set out in paragraph 15(c) of the *Patent Rules* and paragraph 21(d) of the *Trade-mark Regulations* (1996).

Les Bureaux continuent toutefois de considérer que la législation actuelle sur les brevets et les marques de commerce ne permet pas aux compagnies (en anglais « corporations ») d'être inscrites au registre ou à la liste des agents, étant donné que les compagnies n'ont pas de membres et ne peuvent donc pas satisfaire aux exigences de l'alinéa 15c) des *Règles sur les brevets* et de l'alinéa 21d) du *Règlement sur les marques de commerce* (1996).

14. Correspondence Procedures

June 20, 2017

1. Physical Delivery of Correspondence to CIPO
2. Electronic Correspondence
3. Details concerning the electronic formats accepted
4. General Information
5. Statutory Holidays
6. Procedures in case of an unexpected Office closure at CIPO
7. Procedures when CIPO is open for business but clients are unable to communicate with the Office
8. Intellectual property acts, rules and regulations

14. Procédures de correspondance

le 20 juin, 2017

1. Livraison en personne de correspondance à l'OPIC.
2. Correspondance électronique
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4. Renseignements généraux
5. Jours fériés
6. Procédures en cas de fermeture des bureaux
7. Procédures à suivre lorsque les clients sont incapables de communiquer avec les bureaux de l'Office de la propriété intellectuelle du Canada durant les heures d'ouverture
8. Lois, règles et règlements sur la propriété intellectuelle

This notice will replace all previous notices regarding Correspondence Procedures.

Note: *This practice notice is intended to provide guidance on current Canadian Intellectual Property Office practice and interpretation of relevant legislation. However, in the event of any inconsistency between this notice and the applicable legislation, the legislation must be followed.*

Le présent avis remplacera tous les avis antérieurs relatifs aux procédures de correspondance.

Nota : *Le présent avis fournit une orientation concernant les pratiques et interprétations relatives aux lois pertinentes au sein de l'Office de la propriété intellectuelle du Canada. Toutefois, en cas d'incompatibilité entre cet avis et la législation applicable, c'est celle-ci qu'il faudra suivre.*

1. Physical Delivery of Correspondence to CIPO

For the purposes of sections 5 and 54 of the Patent Rules, section 3 of the Trade-marks Regulations, section 2 of the Copyright Regulations, section 3 of the Industrial Design Regulations and section 3 of the Integrated Circuit Topography Regulations, the address of the Patent Office, the Office of the

1. Livraison en personne de correspondance à l'OPIC

Aux fins des articles 5 et 54 des Règles sur les brevets, de l'article 3 du Règlement sur les marques de commerce, de l'article 2 du Règlement sur le droit d'auteur, de l'article 3 du Règlement sur les dessins industriels et de l'article 3 du Règlement sur les topographies de circuits intégrés, l'adresse

Registrar of Trade-marks, the Copyright Office, the Industrial Design section of the Office of the Commissioner of Patents, and the Office of the Registrar of Topographies (hereinafter sometimes collectively referred to as "CIPO") is:

Canadian Intellectual Property Office
Place du Portage I
50 Victoria Street, Room C-114
Gatineau QC K1A 0C9

Correspondence delivered to the above address during ordinary business hours 8:30 a.m. to 4:30 p.m. (local time) will be considered to be received on the date of delivery.

Please be advised that once correspondence is received by CIPO it cannot be returned to the sender, even if the sender states that the correspondence was sent by mistake. Exceptionally, in cases where correspondence is related to a patent application that does not meet the requirements under subsection 27.1(1) of the Patent Act for obtaining a filing date, the documents will be returned to the sender.

The Fee Payment Form should always be submitted as a covering document and should be the only document submitted to CIPO that contains financial information, such as credit card numbers.

Download the Fee Payment Form.

1.1 Designated Establishments

For the purposes of subsections 5(4) and 54(3) of the Patent Rules, subsection 3(4) of the Trade-marks Regulations, subsection 2(4) of the Copyright Regulations, subsection 3(4) of the Industrial Design Regulations and subsection 3(4) of the Integrated Circuit Topography Regulations, the following are the designated establishments or designated offices to which correspondence addressed to the Commissioner of Patents, the Registrar of Trade-marks, the Copyright Office or the Registrar of Topographies may be delivered **in person**:

1. Innovation, Science and Economic Development Canada
   C.D. Howe Building
   235 Queen Street, Room S-143
   Ottawa ON K1A 0H5
   Tel.: 343-291-3436

   8:30 a.m. to 4:30 p.m. (local time) Monday to Friday

2. Innovation, Science and Economic Development Canada
   Sun Life Building
   1155 Metcalfe Street, Room 950
   Montreal QC H3B 2V6

du Bureau des brevets, du Bureau du registraire des marques de commerce, du Bureau du droit d'auteur, de la Section des dessins industriels du Bureau du commissaire aux brevets, et du Bureau du registraire des topographies (ci-après parfois collectivement appelés « OPIC » est la suivante :

Office de la propriété intellectuelle du Canada
Place du Portage I
50, rue Victoria, pièce C-114
Gatineau (Québec) K1A 0C9

La correspondance livrée à l'adresse ci-dessus lors des heures normales d'ouverture, soit de 8h30 à 16h30 (heure locale), sera considérée comme ayant été reçue la journée même de la livraison.

Veuillez prendre note qu'une fois que l'OPIC reçoit de la correspondance, il ne peut pas la retourner à l'expéditeur, même si l'expéditeur indique que la correspondance a été envoyée par erreur. Exceptionnellement, dans le cas où la correspondance vise une demande de brevet ne satisfaisant pas aux exigences du paragraphe 27.1(1) de la Loi sur les brevets pour l'obtention d'une date de dépôt, les documents seront retournés à l'expéditeur.

Le formulaire de paiements devrait toujours être présenté comme page couverture et devrait être le seul document soumis à l'OPIC contenant de l'information financière telle que les numéros de carte de crédit.

Téléchargez le formulaire de paiements.

1.1 Établissements désignés

Aux fins des paragraphes 5(4) et 54(3) des Règles sur les brevets, du paragraphe 3(4) du Règlement sur les marques de commerce, du paragraphe 2(4) du Règlement sur le droit d'auteur, du paragraphe 3(4) du Règlement sur les dessins industriels et du paragraphe 3(4) du Règlement sur les topographies de circuits intégrés, les établissements ou bureaux désignés où peut être livrée **en personne** la correspondance adressée au commissaire aux brevets, au registraire des marques de commerce, au Bureau du droit d'auteur ou au registraire des topographies sont les suivants :

1. Innovation, Sciences et Développement économique Canada
   Édifice C.D. Howe
   235, rue Queen, pièce S-143
   Ottawa (Ontario) K1A 0H5
   Tél. : 343-291-3436

   8 h 30 à 16 h 30 (heure locale) du lundi au vendredi

2. Innovation, Sciences et Développement économique Canada
   Édifice Sun Life
   1155, rue Metcalfe, bureau 950
   Montréal (Québec) H3B 2V6

Tel.: 514-496-1797
Toll-free: 1-888-237-3037

8:30 a.m. to 4:30 p.m. (local time) Monday to Friday

3. Innovation, Science and Economic Development Canada
151 Yonge Street, 4th Floor
Toronto ON M5C 2W7
Tel.: 416-973-5000

8:30 a.m. to 4:30 p.m. (local time) Monday to Friday

4. Innovation, Science and Economic Development Canada
Canada Place
9700 Jasper Avenue, Suite 725
Edmonton AB T5J 4C3
Tel.: 780-495-4782
Toll-free: 1-800-461-2646

8:30 a.m. to 4:30 p.m. (local time) Monday to Friday

5. Innovation, Science and Economic Development Canada
Library Square
300 West Georgia Street, Suite 2000
Vancouver BC V6B 6E1
Tel.: 604-666-5000

8:30 a.m. to 4:30 p.m. (local time) Monday to Friday

Correspondence delivered, during ordinary business hours, to one of the designated establishments listed above, will be considered to be received on the date of delivery to that designated establishment, only if it is also a day on which CIPO is open for business. Correspondence delivered to a designated establishment on a day when CIPO is closed for business will be considered to be received on the next day on which CIPO is open for business. For example, correspondence delivered to the designated establishment in Toronto on June 24 will not be considered received on June 24 since CIPO is closed for business. The correspondence will be considered received on the next day CIPO is open for business.

Please note that documents delivered to the addresses listed above must be enclosed in a sealed envelope.

1.2. Registered Mail™ and Xpresspost™ services of Canada Post

For the purposes of subsections 5(4) and 54(3) of the Patent Rules, subsection 3(4) of the Trade-marks Regulations, subsection 2(4) of the Copyright Regulations, subsection 3(4) of the Industrial Design Regulations and subsection 3(4) of the Integrated Circuit Topography Regulations, the Registered Mail™ and Xpresspost™ services of Canada Post are designated establishments or designated offices to which

Tél. : 514-496-1797
Sans frais : 1-888-237-3037

8 h 30 à 16 h 30 (heure locale) du lundi au vendredi

3. Innovation, Sciences et Développement économique Canada
151, rue Yonge, 4e étage
Toronto (Ontario) M5C 2W7
Tél. : 416-973-5000

8 h 30 à 16 h 30 (heure locale) du lundi au vendredi

4. Innovation, Sciences et Développement économique Canada
Canada Place
9700, avenue Jasper, pièce 725
Edmonton (Alberta) T5J 4C3
Tél. : 780-495-4782
Sans frais : 1-800-461-2646

8 h 30 à 16 h 30 (heure locale) du lundi au vendredi

5. Innovation, Sciences et Développement économique Canada
Library Square
300, rue Georgia Ouest, pièce 2000
Vancouver (C.-B.) V6B 6E1
Tél. : 604-666-5000

8 h 30 à 16 h 30 (heure locale) du lundi au vendredi

La correspondance livrée pendant les heures normales d'ouverture à l'un des établissements désignés susmentionnés sera réputée reçue à la date de livraison à cet établissement seulement si l'OPIC est ouvert au public à cette même date. Sinon, elle sera réputée avoir été reçue à la date du jour d'ouverture suivant de l'OPIC. Par exemple, la correspondance livrée à un établissement désigné à Toronto le 24 juin ne sera pas considérée comme ayant été reçue le 24 juin, puisque les bureaux de l'OPIC seront fermés. La correspondance sera considérée comme ayant été reçue lors de la prochaine journée ouvrable de l'OPIC.

Prendre note que les documents livrés aux adresses énumérées ci-dessus doivent être insérés dans une enveloppe scellée.

1.2. Services Courrier recommandé^MC et Xpresspost^MC de Postes Canada

Aux fins des paragraphes 5(4) et 54(3) des Règles sur les brevets, du paragraphe 3(4) du Règlement sur les marques de commerce, du paragraphe 2(4) du Règlement sur le droit d'auteur, du paragraphe 3(4) du Règlement sur les dessins industriels et du paragraphe 3(4) du Règlement sur les topographies de circuits intégrés, les services Courrier recommandé^MC et Xpresspost^MC de Postes Canada sont des

correspondence addressed to the Commissioner of Patents, the Registrar of Trade-marks, the Copyright Office or the Registrar of Topographies may be delivered.

établissements ou des bureaux désignés auxquels la correspondance adressée au commissaire aux brevets, au Registraire des marques de commerce, au Bureau du droit d'auteur ou au Registraire des topographies peut être livrée.

CIPO considers that correspondence delivered through the Registered Mail™ and Xpresspost™ services of Canada Post is received by CIPO on the day indicated on the mailing receipt provided by Canada Post, or if CIPO is closed for business on that day, on the day when CIPO is next open for business.

L'OPIC considère que la correspondance livrée par l'entremise des services Courrier recommandé^MC et Xpresspost^MC de Postes Canada sont reçus par l'OPIC le jour indiqué sur le reçu de confirmation émis par Postes Canada, ou si l'OPIC est fermé au public ce jour-là, le jour de la réouverture de l'OPIC.

2. Electronic Correspondence

In accordance with section 8.1 of the Patent Act, and for the purposes of subsections 5(6), 54(5), and 68(3) of the Patent Rules, subsection 3(6) of the Trade-marks Regulations, subsection 2(6) of the Copyright Regulations, subsection 3(6) of the Industrial Design Regulations, and subsection 3(6) of the Integrated Circuit Topography Regulations, correspondence addressed to the Commissioner of Patents, the Registrar of Trade-marks, the Copyright Office or the Registrar of Topographies may be sent by facsimile, online or on an electronic medium only as provided in the current notice.

In accordance with subsection 54(5) of the Patent Rules, the request for national entry is the only correspondence addressed to the Commissioner in respect of an international application that can be submitted online or on an electronic medium with the exception of sequence listings, applications prepared using the PCT-SAFE software or prepared using WIPO's ePCT online service as specified in the current notice. Other correspondence submitted online or on an electronic medium in respect of international applications that have not entered the national phase will not be accepted.

Subsection 3(9) of the Trade-marks Regulations specifies certain categories of correspondence to which the provisions of subsection 3(6) do not apply and which thus may not be sent by facsimile or online.

Correspondence sent by facsimile or online to the Commissioner of Patents, the Registrar of Trade-marks, the Copyright Office or the Registrar of Topographies constitutes the original, therefore a duplicate paper copy should not be forwarded.

Correspondence delivered by electronic means of transmission, including facsimile, will be considered to be received on the day that it is transmitted if delivered and received before midnight, local time at CIPO on a day when CIPO is open for business. When CIPO is closed for business, correspondence delivered on that day will be considered to be received on the next day on which CIPO is open for business.

2. Correspondance électronique

Conformément à l'article 8.1 de la Loi sur les brevets et aux fins des paragraphes 5(6), 54(5) et 68(3) des Règles sur les brevets, du paragraphe 3(6) du Règlement sur les marques de commerce, du paragraphe 2(6) du Règlement sur le droit d'auteur, du paragraphe 3(6) du Règlement sur les dessins industriels et du paragraphe 3(6) du Règlement sur les topographies de circuits intégrés, la correspondance adressée au commissaire aux brevets, au registraire des marques de commerce, au Bureau du droit d'auteur ou au registraire des topographies peut être transmise par télécopieur ou encore en ligne ou à l'aide d'un support électronique et ce, seulement de la manière indiquée dans le présent avis.

Conformément au paragraphe 54(5) des Règles sur les brevets, la demande d'entrée en phase nationale d'une demande internationale est la seule correspondance adressée au commissaire qui peut être présentée en ligne ou sur support électronique, à l'exception des listages de séquences, des demandes préparées à l'aide du logiciel PCT-SAFE ou préparées à l'aide du service en ligne ePCT de l'OMPI, tel qu'indiqué dans le présent avis. Toute autre correspondance présentée en ligne ou sur support électronique relativement à des demandes internationales qui ne sont pas entrées dans la phase nationale ne sera pas acceptée.

Le paragraphe 3(9) du Règlement sur les marques de commerce prévoit certaines catégories de correspondance auxquelles les dispositions du paragraphe 3(6) ne s'appliquent pas et qui, par conséquent, ne peuvent pas être envoyées par télécopieur ou en ligne.

La correspondance envoyée par télécopieur ou en ligne au commissaire aux brevets, au registraire des marques de commerce, au Bureau du droit d'auteur ou au registraire des topographies tient lieu d'original. Par conséquent, une copie sur support papier ne devrait pas être expédiée.

La correspondance livrée et reçue par voie électronique, y compris par télécopieur, est réputée reçue à l'OPIC le jour même avant minuit, heure locale, lorsque l'OPIC est ouvert au public. Si elle est transmise un jour où l'OPIC est fermé au public, elle est réputée reçue à la date du jour d'ouverture suivant de l'OPIC.

2.1 Facsimile

Facsimile correspondence addressed to the Commissioner of Patents, the Registrar of Trade-marks, the Copyright Office or the Registrar of Topographies may be sent to the following facsimile numbers:

- (819) 953-CIPO (2476) or
- (819) 953-OPIC (6742)

Facsimile correspondence that is sent to any facsimile number other than those indicated above, including those of a designated establishment or designated office, will be considered not to have been received.

The electronic transmittal report returned to you following your facsimile transmission will constitute your acknowledgment receipt. Confidentiality of the facsimile transmission process cannot be guaranteed. Please note that CIPO strongly discourages the use of a computer facsimile interface or internet-based facsimile services due to technical issues with reception.

When submitting a document by facsimile that also has a fee requirement, notification of the preferred mode of payment to be applied must be prominently displayed on the Fee Payment Form to ensure expedient processing.

Patents

The document presentation requirements set out in sections 69 and 70 of the Patent Rules apply to facsimile correspondence.

2.1 Correspondance par télécopieur

La correspondance par télécopieur adressée au commissaire aux brevets, au registraire des marques de commerce, au Bureau du droit d'auteur ou au registraire des topographies peut être transmise aux numéros ci-dessous :

- 819-953-OPIC (6742) ou
- 819-953-CIPO (2476)

La correspondance qui est transmise par télécopieur à tout autre numéro de télécopieur que ceux qui sont indiqués ci-dessus, y compris ceux d'établissements ou de bureaux désignés, sera réputée non reçue.

Le rapport de transmission électronique que vous recevrez après votre envoi par télécopieur constituera votre accusé de réception. La confidentialité du processus de transmission électronique ne peut pas être garantie. Veuillez noter que l'OPIC décourage fortement l'utilisation d'interface de télécopie par ordinateur ou de services de télécopie par le biais d'internet étant donné les problèmes techniques probables avec la réception.

Quand on transmet par télécopieur un document comprenant une demande d'acquittement de frais, il faut clairement indiquer le mode de paiement préféré sur le formulaire de paiements en vue d'assurer un traitement rapide.

Brevets

Les exigences relatives à la présentation des documents énoncées aux articles 69 et 70 des Règles sur les brevets s'appliquent à la correspondance par télécopieur.

2.2 Online

Correspondence addressed to the Commissioner of Patents, the Registrar of Trade-marks, the Copyright Office or the Registrar of Topographies may be sent electronically using the relevant links below.

Patents

For the purpose of subsection 5(6) of the Patent Rules, correspondence addressed to the Commissioner may be sent electronically by accessing the following pages:

- filing an application (regular application);
- filing a request for national entry;
- filing an international application (PCT Safe or ePCT);
- general correspondence relating to applications and patents;
- maintaining the name of a patent agent on the register

2.2 En ligne

La correspondance adressée au commissaire aux brevets, au registraire des marques de commerce, au Bureau du droit d'auteur ou au registraire des topographies peut être transmise par voie électronique.

Brevets

Aux fins du paragraphe 5(6) des Règles sur les brevets, la correspondance adressée au commissaire peut être envoyée par voie électronique, notamment par le biais des pages suivantes :

- déposer une demande (demande régulière);
- déposer une demande d'entrée dans la phase nationale;
- déposer une demande internationale (PCT Safe ou ePCT);
- correspondance générale concernant des demandes et des brevets;
- maintien du nom d'un agent de brevets dans le registre

of patent agents; and

- ordering copies in paper, or electronic form of a document.

des agents de brevets;

- commande de copies papier ou d'un document sous forme électronique.

Canada as Receiving Office Under the PCT: PCT-SAFE

Pursuant to PCT Rule 89bis, CIPO, in its role as a receiving Office, accepts the electronic filing of an international application prepared using the latest version of the WIPO's PCT-Safe software and applications prepared using WIPO's ePCT online service. Filing in both cases must be done using CIPO's International Filing e-service, called PCT E-Filing.

Note: Correspondence related to PCT international applications can not be sent electronically to CIPO. Correspondence may be sent by mail, by facsimile or delivered by hand to CIPO or to a designated establishment.

Le Canada comme office récepteur au titre du PCT : PCT-SAFE et ePCT

Conformément à la Règle 89bis du PCT, l'OPIC, à titre d'office récepteur, accepte le dépôt d'une demande internationale préparée à l'aide de la plus récente version du logiciel PCT-SAFE de l'OMPI, et d'une demande préparée à l'aide du service en ligne ePCT de l'OMPI. Dans les deux cas, le dépôt doit se faire à l'aide du service électronique de dépôt de demandes internationales de l'OPIC, appelé Dépôt en ligne de demandes PCT.

Note: La correspondance liée aux demandes internationales PCT ne peut être envoyée par voie électronique à l'OPIC. La correspondance peut être envoyée par courrier, par télécopieur ou remis en mains à l'OPIC ou à un établissement désigné.

Trademarks

For the purpose of subsection 3(6) of the Trade-marks Regulations, the following correspondence addressed to the Registrar of Trade-marks may be sent electronically by accessing the following pages:

- filing a new or revised trademark application;
- renewal of a trademark registration;
- request to enter a name on the list of trademark agents;
- annual renewal of a trademark agent;
- requesting copies of trademark documents;
- filing of a declaration of use;
- registration of a trademark application;
- statement of Opposition; and
- extensions of time in trademark opposition cases

Marques de commerce

Aux fins du paragraphe 3(6) du Règlement sur les marques de commerce, la correspondance indiquée ci-dessous qui est adressée au registraire des marques de commerce peut être envoyés par voie électronique, notamment par les pages suivantes :

- nouvelle demande ou demande modifiée d'enregistrement de marque de commerce;
- renouvellement de l'enregistrement d'une marque de commerce;
- demande d'inscription d'un nom à la liste des agents de marques de commerce;
- renouvellement annuel d'un agent de marques de commerce;
- commande de copies de documents de marques de commerce.
- dépôt d'une déclaration d'emploi;
- l'enregistrement d'une marque de commerce
- dépôt d'une déclaration d'opposition; et
- demande de prolongation de délai dans une procédure d'opposition.

Copyright

For the purpose of subsection 2(6) of the Copyright Regulations, the following correspondence addressed to the Copyright Office may be sent electronically, by accessing the following pages:

- application for registration of a copyright in a work.
- application for registration of a copyright in a performer's performance, sound recording or a

Droits d'auteur

Aux fins du paragraphe 2(6) du Règlement sur le droit d'auteur, la correspondance indiquée ci-dessous qui est adressée au Bureau du droit d'auteur peut être transmise par voie électronique. Pour ce faire, il faut accéder aux pages suivantes :

- demande d'enregistrement d'un droit d'auteur sur une œuvre.
- demande d'enregistrement d'un droit d'auteur sur une prestation, un enregistrement sonore ou un signal de

communication signal;

- filing a grant of interest;
- request for certificate of correction;
- ordering copies in paper, or electronic form of a document; and
- general correspondence relating to copyright.

communication;

- dépôt d'une concession d'intérêt;
- demande de certificat de correction;
- commande de copies des documents papier ou électroniques et
- correspondance générale relative aux droits d'auteur.

Industrial Designs

For the purpose of subsection 3(6) of the Industrial Design Regulations, the following correspondence addressed to the Commissioner of Patents may be sent electronically, by accessing the following pages:

- application for registration of an industrial design;
- ordering copies in paper, or electronic form of a document;
- general correspondence relating to industrial designs; and
- payment of industrial design maintenance fees.

Dessins industriels

Aux fins du paragraphe 3(6) du Règlement sur les dessins industriels, la correspondance indiquée ci-dessous qui est adressée au commissaire aux brevets peut être transmise par voie électronique. Pour ce faire, il faut accéder aux pages suivantes :

- demande d'enregistrement d'un dessin industriel;
- commande de copies de documents papier ou électroniques;
- correspondance générale relative aux dessins industriels; et
- paiement des droits de maintien des dessins industriels.

Integrated Circuit Topographies

For the purpose of subsection 3(6) of the Integrated Circuit Topography Regulations, the following correspondence addressed to the Registrar of Topographies may be sent electronically, by accessing the following page:

- general correspondence relating to integrated circuit topographies.

Topographies de circuits intégrés

Aux fins du paragraphe 3(6) du Règlement sur les topographies de circuits intégrés, la correspondance indiquée ci-dessous qui est adressée au registraire des topographies peut être transmise par voie électronique. Pour ce faire, il faut accéder à la page suivante :

- correspondance générale relative aux topographies de circuits intégrés.

2.3 Electronic medium

Patents

The Patent Office will accept correspondence on various types of electronic medium as specified below. The electronic medium should contain a table of contents and be provided with a cover letter, which will be date stamped by CIPO and placed in the application file. Filing date requirements prescribed in the Patent Rules still remain.

When submitted on an electronic medium, the parts of the application must be logically broken down in files, which are no larger than 25 megabytes.

With regards to sequence listings under Rule 111 of the Patent Rules, the electronic medium must be separate from any electronic medium which may be filed containing parts of the

2.3 Supports électroniques

Brevets

Le Bureau des brevets acceptera la correspondance transmise à l'aide de divers supports électroniques, tel qu'indiqué ci-dessous. Le support électronique devrait contenir une table des matières et être accompagné d'une lettre explicative, laquelle sera datée par l'OPIC et placée dans le dossier de la demande. Les exigences relatives à la date de dépôt énoncées dans les Règles sur les brevets resteront applicables.

Les parties d'une demande qui sont présentées sur support électronique doivent être logiquement réparties en fichiers de 25 mégaoctets au maximum.

En ce qui concerne les listages des séquences prévus à l'article 111 des Règles sur les brevets, le support électronique doit être distinct de tout support électronique qui peut être déposé et qui

application itself or amendment(s) thereof.

contient des parties de la demande elle-même ou des modifications relatives à la demande.

Canada as Receiving Office Under the PCT: Electronic Filing of Sequence Listings

Pursuant to PCT Rules 89bis and 89ter, and in accordance with Part 7 of the PCT Administrative Instructions, where an international application contains disclosure of one or more nucleotide and/or amino acid sequence listings, CIPO, in its role as a receiving Office, accepts that the sequence listing part of the description and/or any table related to the sequence listing(s) be filed, at the option of the applicant:

i. only on an electronic medium in electronic form in accordance with section 702 of Part 7 of the PCT Administrative Instructions; or

ii. both on an electronic medium in electronic form and on paper in accordance with section 702 of Part 7 of the PCT Administrative Instructions;

provided that the other elements of the international application are filed as otherwise provided for under the PCT.

The sequence listing part of an international application filed in electronic form and related tables filed in electronic form shall comply with the relevant provisions of Annex C and C-bis of the PCT Administrative Instructions respectively.

For this purpose the Canadian receiving Office will accept any electronic media specified in Annex F of the PCT Administrative Instructions. Where both the sequence listing and the tables are filed in electronic form, the listing and the tables shall be contained on separate electronic media, which shall contain no other programs or files.

For the purpose of processing the international application, the Canadian receiving Office requires two (2) additional copies of the electronic media containing the sequence listing and/or tables in electronic form, accompanied by a statement that the sequence listings and/or tables contained in the copies are identical to those in electronic form as filed.

For further details concerning the filing of sequence listings and/or tables in electronic form, including the labeling of the electronic media and the calculation of the international filing fee, refer to section 7 of the PCT Administrative Instructions.

Le Canada comme office récepteur au titre du PCT : Dépôt électronique des listages de séquences

Conformément aux Règles 89bis et 89ter du PCT et à la Partie 7 des Instructions administratives du PCT, lorsqu'une demande internationale contient la divulgation d'un ou de plusieurs listages des séquences de nucléotides et/ou d'acides aminés, à titre d'office récepteur l'OPIC accepte le dépôt de la partie de la description contenant les listages des séquences et/ou de tout tableau relatif aux listages des séquences et ce, à la discrétion du requérant :

i. seulement sous forme électronique et sur support électronique, conformément à l'article 702 de la Partie 7 des Instructions administratives du PCT, ou

ii. sur support papier et sur support électronique sous forme électronique, conformément à l'article 702 de la Partie 7 des Instructions administratives du PCT,

à condition que les autres éléments de la demande internationale soient déposés conformément aux dispositions du PCT.

Dans une demande internationale déposée sous forme électronique, la partie qui contient le listage des séquences et les tableaux connexes seront conformes aux dispositions pertinentes de l'Annexe C et de l'Annexe C-bis des Instructions administratives du PCT, respectivement.

À cette fin, l'office récepteur canadien acceptera tout support électronique prévu à l'Annexe F des Instructions administratives du PCT. Lorsque le listage des séquences et les tableaux sont déposés sous forme électronique, ils le seront sur des supports électroniques distincts ne contenant pas d'autres programmes ni fichiers.

Aux fins du traitement de la demande internationale, l'office récepteur canadien exige deux (2) copies supplémentaires du support électronique contenant le listage de séquences et/ou les tableaux sous forme électronique, accompagnées d'une déclaration indiquant que le listage des séquences et/ou les tableaux contenus dans les copies sont identiques à ceux qui ont été déposés sous forme électronique.

On trouvera à l'article 7 des Instructions administratives du PCT des détails supplémentaires sur le dépôt de listages des séquences et/ou de tableaux sous forme électronique, notamment sur l'étiquetage des supports électroniques et le calcul de la taxe de dépôt internationale.

Electronic Media accepted by the Patent Office

The Patent Office will accept 3.5 inch diskette, CD-ROM, CD-R, DVD, DVD-R and any format as specified in Annex F of

Supports électroniques acceptés par le Bureau des brevets

Le Bureau de brevets acceptera des disquettes 3.5 pouces, CD-ROM, CD-R, DVD, DVD-R et tout format spécifié à l'Annexe

the PCT Administration Instructions.

The electronic medium must also be free of worms, viruses or other malicious content. Files with malicious content will be deleted.

F des Instructions administratives du PCT.

Le support électronique doit aussi être exempt de tout ver, virus ou autre contenu malveillant. Les fichiers ayant un contenu malveillant seront effacés.

3. Details concerning the electronic formats accepted

Patents

In accordance with section 8.1 of the Patent Act, and for the purposes of subsections 5(6), 54(5), and 68(3) of the Patent Rules, the acceptable file formats for documents submitted electronically using the relevant links set out in section 2.2 of these correspondence procedures or on electronic media are TIFF and PDF. In order to get a correspondence date, the office will accept documents initially filed in other formats provided they are viewable with the software "Stellent Quick View Plus 8.0.0". In these cases, the office will request the documents to be replaced by documents in PDF or TIFF and the submission of a statement to the effect that the replacement documents are the same as the documents initially filed.

Sequence listings can be initially provided in TIFF, PDF or in ASCII file formats. However, as a completion requirement according to section 94 of the Patent Rules, a sequence listing in the ASCII format compliant with the "PCT sequence listing standard" has to be submitted. Therefore, CIPO encourages applicants to submit the sequence listings in the ASCII format in the first place.

When applicable, the Patent Office will accept files in the TIFF, PDF and ASCII format when they comply with the following specifications:

TIFF Format:

- TIFF CCITT Group 4, single or multi-page, black and white;
- Resolution of either 300 or 400 dpi;
- The dimensions of the scanned/stored images should match that of the paper requirements, namely 8 ½" by 11" or A4.

PDF Format:

- Adobe Portable Document Format Version 1.4 compatible;
- Non-compressed text to facilitate searching;
- Unencrypted text;
- No embedded OLE objects;
- All fonts must be embedded and licensed for distribution.

3. Précisions concernant les formats électroniques acceptés

Brevets

Conformément à l'article 8.1 de la Loi sur les brevets et aux fins des paragraphes 5(6), 54(5) et 68(3) des Règles sur les brevets, les formats de fichiers acceptables pour les documents présentés par voie électronique en utilisant les liens spécifiés à l'article 2.2 de ces procédures de correspondance ou sur support électronique sont les formats TIFF et PDF. Pour qu'une date de correspondance soit attribuée, le Bureau acceptera des documents initialement déposés dans d'autres formats à condition qu'ils soient consultables à l'aide du logiciel « Stellent Quick View Plus 8.0.0 ». Dans de tels cas, le Bureau exigera le remplacement des documents par des fichiers en format PDF ou TIFF, ainsi qu'une déclaration indiquant que ces fichiers sont identiques aux documents initialement déposés.

Les listages des séquences peuvent être initialement déposés sous forme de fichiers TIFF, PDF ou ASCII. Toutefois, afin de compléter la demande, conformément à l'article 94 des Règles sur les brevets, un listage des séquences en format ASCII conforme à la Norme PCT de listage des séquences devra être présenté. L'OPIC encourage donc les demandeurs à déposer les listages de séquences en format ASCII dès le départ.

Le cas échéant, le Bureau des brevets acceptera des fichiers en format TIFF, PDF et ASCII s'ils sont conformes aux spécifications suivantes :

Format TIFF

- TIFF CCITT Groupe 4, une ou plusieurs pages, noir et blanc
- Résolution : 300 ou 400 ppp
- Les dimensions des images balayées par scanner ou mémorisées doivent être compatibles avec celles qui sont requises pour les papiers, soit 8 1/2 po par 11 po ou A4.

Format PDF

- Compatible avec Adobe Portable Document Format Version 1.4
- Texte non comprimé, pour faciliter la recherche
- Texte non chiffré
- Pas d'objets OLE incorporés
- Toutes les polices de caractère doivent être incorporées et leur distribution doit être autorisée.

ASCII

- Shall be encoded using IBM Code Page 437, IBM Code Page 932 or a compatible code page.

ASCII

- Le texte sera encodé à l'aide des pages de codes IBM 437 ou IBM 932 ou d'une page de codes compatible.

Industrial Design

For the purposes of subsection 3(6) of the Industrial Design Regulations, the acceptable file formats for documents submitted electronically using the relevant links set out in section 2.2 of these correspondence procedures are: TIFF, JPEG, WPD and Doc. In order to get a correspondence date, the Office will accept documents initially filed in other formats provided they are viewable with the software "Stellent Quick View Plus 8.0.0". In these cases, the Office will request the documents to be replaced by documents in one of the acceptable formats and the submission of a statement to the effect that the replacement documents are the same as the documents initially filed.

When submitting images electronically, we strongly encourage clients to comply with the following specifications:

TIFF Format:

- TIFF CCITT Group 4, single or multi-page, black and white;
- The dimensions of the scanned/stored images should match that of the paper requirements, namely 8 ½" by 11";
- Resolution of 300 dpi

Photographs in JPEG Format:

- JPEG compression, Gray Scale 8 bit (256 Shades of Gray);
- The dimensions of the scanned/stored images should match that of the paper requirements, namely 8 ½" by 11";
- Resolution of 300 dpi

For all images submitted in different formats, the office may print and scan the images or convert them to recommended formats prior to loading them in the database. If the office converts files to an acceptable format this could result in a change in quality to the drawings.

Dessins industriels

Aux fins des paragraphes 3(6) et 12(3) du Règlement sur les dessins industriels, les formats de fichiers acceptables pour les documents présentés par voie électronique en utilisant les liens spécifiés à l'article 2.2 de ces procédures de correspondance sont : TIFF, JPEG, WPD et DOC. Pour qu'une date de correspondance soit attribuée, le Bureau acceptera des documents initialement déposés dans d'autres formats, à condition qu'ils soient consultables à l'aide du logiciel « Stellent Quick View Plus 8.0.0 ».Dans de tels cas, le Bureau exigera le remplacement des documents par des fichiers présentés dans un des formats acceptables, ainsi qu'une déclaration indiquant que ces fichiers sont identiques aux documents déposés à l'origine.

Nous encourageons fortement les clients à respecter les spécifications suivantes lorsqu'ils déposent des images par voie électronique :

Format TIFF :

- TIFF CCITT Groupe 4, une ou plusieurs pages, noir et blanc
- Les dimensions des images balayées par scanner ou mémorisées doivent être compatibles avec celles qui sont requises pour les papiers, soit 8 1/2 po par 11 po
- Résolution : 300 ppp

Photographies en format JPEG :

- Compression JPEG, échelle de gris de 8 bits (256 tons de gris)
- Les dimensions des images balayées par scanner ou mémorisées doivent être compatibles avec celles qui sont requises pour les papiers, soit 8 1/2 po par 11 po
- Résolution : 300 ppp

Pour toutes les images soumises dans différents formats, le bureau peut imprimer et balayer les images par scanner ou les convertir dans les formats recommandés avant leur chargement dans la base de données. Si le bureau convertit les fichiers dans un format acceptable, ceci pourrait résulter en un changement de la qualité des dessins.

4. General Information

General information may be obtained by communicating with CIPO's Client Service Centre.

4. Renseignements généraux

On pourra obtenir des renseignements généraux en communiquant avec le Centre de services à la clientèle de l'OPIC.

5. Statutory Holidays

- Time limits under the Patent, Trade-marks, Industrial Design, Copyright and Integrated Circuit Topography Acts
- Time limits under the Patent and Trade-marks Act
- Time limits under the Patent Cooperation Treaty
- Provincial and Territorial Holidays
- When Patent and Trademarks Offices are closed for business

5. Jours fériés

- Délais prévus dans les lois sur les brevets, les marques de commerce, les dessins industriels, le droit d'auteur et les topographies de circuits intégrés
- Délais prévus dans la Loi sur les brevets et dans la Loi sur les marques de commerce
- Délais prévus dans le Traité de coopération en matière de brevets
- Jours fériés provinciaux ou territoriaux
- Jours de fermeture au public des bureaux des brevets et des marques de commerce

Time limits under the Patent, Trade-marks, Industrial Design, Copyright and Integrated Circuit Topography Acts

In accordance with section 26 of the Interpretation Act, any person choosing to deliver a document to a designated establishment (including CIPO's offices in Gatineau, Quebec; an Innovation, Science and Economic Development Canada regional office or the Registered Mail™ and Xpresspost™ services of Canada Post) where a federal, provincial or territorial holiday exists, is entitled to an extension of any time limit for the filing of the document that expires on the holiday, until the next day that is not a holiday. It is to be noted, in respect of provincial and territorial holidays, that the entitlement to the extension is dependent on the establishment to which the document is delivered and not on the place of residence of the person for whom the document is filed or of their agent. For this purpose, documents transmitted to CIPO by electronic means, including by facsimile, would be considered to be delivered to CIPO's offices in Gatineau, Quebec.

CIPO has no practical way of keeping track of the establishment to which documents are delivered. Accordingly, where a person has a time limit for the filing of a document that expires on a provincial or territorial holiday but only delivers the document on the next day that is not a holiday, CIPO will assume that the document was delivered to an establishment that would justify an extension of the time limit. In such circumstances, it will be the responsibility of the person filing the document to ensure that he or she is properly entitled to any needed extension of the time limit.

Délais prévus dans les lois sur les brevets, les marques de commerce, les dessins industriels, le droit d'auteur et les topographies de circuits intégrés

Selon l'article 26 de la Loi d'interprétation, lorsqu'une personne choisit de livrer un document à un établissement désigné (y compris les bureaux de l'OPIC à Gatineau, au Québec, un bureau régional d'Innovation, Sciences et Développement économique Canada ou le service Courrier recommandé de Postes Canada) dans une province où il y a un jour férié fédéral, provincial ou territorial, tout délai fixé pour le dépôt du document, qui expire un jour férié peut être prorogé jusqu'au jour non férié suivant. Dans le cas d'un jour férié provincial ou territorial, il convient de souligner que le droit à la prorogation dépend de l'établissement auquel le document est livré et non du lieu de résidence de la personne pour laquelle le document est déposé ou de son agent. À cet égard, les documents envoyés à l'OPIC par un moyen électronique, y compris par télécopieur, sont réputés être livrés aux bureaux de l'OPIC à Gatineau, au Québec.

En pratique, l'OPIC n'a aucun moyen de faire le suivi sur les établissements auxquels des documents sont livrés. Par conséquent, si le délai pour le dépôt d'un document tombe un jour férié provincial ou territorial et qu'une personne le livre seulement le jour non férié suivant, l'OPIC tiendra pour acquis que le document a été livré à un établissement qui justifierait une prorogation du délai. Dans de telles circonstances, il incombe au déposant de s'assurer qu'il a droit à une telle prorogation.

Time limits under the Patent and Trade-marks Acts

In addition to the extensions of time limits referred to above, in accordance with subsection 78(1) of the Patent Act and subsection 66(1) of the Trade-marks Act, any patent or trademark time limit that expires on a day when the Patent and Trademarks Offices are closed for business is deemed to be extended to the next day when the offices are open for business. All persons are entitled to these extensions regardless of their place of residence or of the establishment to which documents are delivered.

No equivalent provisions exist under the Industrial Design Act, the Copyright Act or the Integrated Circuit Topography Act.

Délais prévus dans la Loi sur les brevets et dans la Loi sur les marques de commerce

En plus des prorogations indiquées aux paragraphes précédents, les paragraphes 78(1) de la Loi sur les brevets et 66(1) de la Loi sur les marques de commerce stipulent que tout délai relatif aux brevets ou aux marques de commerce qui expire un jour où les bureaux des marques de commerce et des brevets sont fermés au public est réputé prorogé jusqu'au jour de réouverture de ces bureaux. Toute personne a droit à une telle prorogation quel que soit son lieu de résidence ou l'établissement auquel les documents sont livrés

Il n'existe pas de disposition équivalente dans la Loi sur les dessins industriels, la Loi sur le droit d'auteur ou dans la Loi sur les topographies de circuits intégrés.

Time limits under the Patent Cooperation Treaty

Rule 80.5 of the Regulations under the PCT provides:

If the expiration of any period during which any document or fee must reach a national Office or intergovernmental organization falls on a day:

i. on which such Office or organization is not open to the public for the purposes of the transaction of official business;

ii. on which ordinary mail is not delivered in the locality in which such Office or organization is situated;

iii. which, where such Office or organization is situated in more than one locality, is an official holiday in at least one of the localities in which such Office or organization is situated, and in circumstances where the national law applicable by that Office or organization provides, in respect of national applications, that, in such a case, such period shall expire on a subsequent day; or

iv. which, where such Office is the government authority of a Contracting State entrusted with the granting of patents, is an official holiday in part of that Contracting State, and in circumstances where the national law applicable by that Office provides, in respect of national applications, that, in such a case, such period shall expire on a subsequent day;

the period shall expire on the next subsequent day on which none of the said four circumstances exists.

CIPO takes the position that section 26 of the Interpretation Act applies to PCT international applications filed in Canada. Accordingly, where a person has a time limit under the PCT for

Délais prévus dans le Traité de coopération en matière de brevets

La règle 80.5 du Règlement d'exécution du PCT prévoit ce qui suit :

Si un délai quelconque pendant lequel un document ou une taxe doit parvenir à un office national ou à une organisation intergouvernementale expire un jour

i. où cet office ou cette organisation n'est pas ouvert au public pour traiter d'affaires officielles;

ii. où le courrier ordinaire n'est pas délivré dans la localité où cet office ou cette organisation est situé;

iii. qui, lorsque cet office ou cette organisation est situé dans plus d'une localité, est un jour férié dans au moins une des localités dans lesquelles cet office ou cette organisation est situé, et dans le cas où la législation nationale applicable par cet office ou cette organisation prévoit, à l'égard des demandes nationales, que, dans cette situation, ce délai prend fin le jour suivant; ou

iv. qui, lorsque cet office est l'administration gouvernementale d'un État contractant chargée de délivrer des brevets, est un jour férié dans une partie de cet État contractant, et dans le cas où la législation nationale applicable par cet office prévoit, à l'égard des demandes nationales, que, dans cette situation, ce délai prend fin le jour suivant;

Le délai prend fin le premier jour suivant auquel aucune de ces quatre circonstances n'existe plus.

L'OPIC estime que l'article 26 de la Loi d'interprétation s'applique aux demandes internationales du PCT déposées au Canada. Par conséquent, lorsqu'un délai prévu dans le cadre du

the filing of a document in Canada that expires on a provincial or territorial holiday but only delivers the document on the next day that is not a holiday, CIPO will assume that the document was delivered to an establishment that would justify an extension of the time limit. CIPO, however, takes no position as to whether such extensions would be recognized by other countries, and it will be the responsibility of the person filing the document to ensure that in other countries of interest they are properly entitled to any needed extension of the time limit by reason of Rule 80.5 of the Regulations under the PCT or some other applicable law.

PCT pour le dépôt d'un document au Canada expire un jour férié provincial ou territorial, si le déposant livre le document en question le jour non férié suivant, l'OPIC tiendra pour acquis que le document a été livré à un établissement où une prorogation du délai est justifiée. Toutefois, il ne se prononce pas sur l'acceptation éventuelle de ces prorogations par d'autres pays; il incombera à la personne qui dépose le document de vérifier si elle a droit à une prorogation, dans d'autres pays qui l'intéressent, en vertu de la règle 80.5 du Règlement d'exécution du PCT ou d'une autre loi pertinente.

Provincial and Territorial Holidays

For the purposes of this practice notice, CIPO has identified the following as being days that are not federal holidays but that are holidays in one or more provinces or territories:

1. **Alberta**: Third Monday in February (Alberta Family Day)
2. **British Columbia**:
    - First Monday in August (British Columbia Day)
    - Second Monday in February (British Columbia Family Day)
3. **New Brunswick**: First Monday in August (New Brunswick Day)
4. **Newfoundland and Labrador**:
    - March 17 (St. Patrick's Day)
    - April 23 (St. George's Day)
    - June 24 (Discovery Day)
    - July 12 (Orangemen's Day)
    - First Monday in August (Regatta Day)
5. **Nova Scotia**: First Monday in August (Civic Holiday)
6. **Ontario**:
    - Third Monday in February (Ontario Family Day)
    - First Monday in August (Civic Holiday)
7. **Prince Edward Island**: First Monday In August (Civic Holiday)
8. **Quebec**: June 24 (St. John the Baptist Day)
9. **Saskatchewan**: First Monday in August (Saskatchewan Day)
10. **Yukon**: Third Monday in August (Discovery Day)

Jours fériés provinciaux ou territoriaux

Aux fins du présent avis, l'OPIC a indiqué que les jours ci-après, qui ne sont pas des jours fériés pour l'administration fédérale, sont des jours fériés dans au moins une province ou territoire :

1. **Alberta** : troisième lundi de février (Jour de la Famille de l'Alberta)
2. **Colombie-Britannique** :
    - premier lundi d'août (Fête de la Colombie-Britannique)
    - euxième lundi de février (Jour de Famille de la Colombe –Britannique)
3. **Nouveau-Brunswick** : premier lundi d'août (Fête du Nouveau-Brunswick)
4. **Terre-Neuve et Labrador** :
    - 17 mars (Fête de la Saint-Patrick)
    - 23 avril (Fête de la Saint-Georges)
    - 24 juin (Journée de la Découverte)
    - 12 juillet (Jour des Orangistes)
    - Premier lundi d'août (Journée de la Régate)
5. **Nouvelle-Écosse** : premier lundi d'août (congé statutaire)
6. **Ontario** :
    - troisième lundi de février (Jour de la Famille de l'Ontario)
    - premier lundi d'août (congé statutaire)
7. **L'Île-du-Prince-Edouard** : premier lundi d'août (congé civique)
8. **Québec** : 24 juin (Saint-Jean-Baptiste)
9. **Saskatchewan** : premier lundi d'août (Fête de la Saskatchewan)
10. **Yukon** : troisième lundi d'août (Journée de la Découverte)

When CIPO's Offices are closed for business

For the purposes of subsection 78(1) of the Patent Act and subsection 66(2) of the Trade-marks Act, CIPO's Offices are closed for business on the following days:

Jours de fermeture des bureaux de l'OPIC au public

Pour l'application des paragraphes 78(1) de la Loi sur les brevets et 66(2) de la Loi sur les marques de commerce, les bureaux de l'OPIC sont fermés au public les jours suivants :

- All Saturdays and Sundays
- New Year's Day (January 1)*
- Good Friday
- Easter Monday
- Victoria Day: First Monday immediately preceding May 25
- St. John the Baptist Day (June 24)*
- Canada Day (July 1)*
- Labour Day: First Monday in September
- Thanksgiving Day: Second Monday in October
- Remembrance Day (November 11)*
- Christmas Day (December 25)*
- Boxing Day (December 26)

If December 26 falls on a Saturday, CIPO's Offices will be closed on the following Monday. If December 26 falls on a Sunday or Monday, the Offices are closed on the following Tuesday.

* If any of these holidays fall on a Saturday or Sunday, the Offices will be closed on the following Monday.

- Tous les samedi et dimanche
- Jour de l'An (1er janvier)*
- Vendredi Saint
- Lundi de Pâques
- Fête de Victoria : premier lundi précédant le 25 mai
- Saint-Jean-Baptiste (le 24 juin)*
- Fête du Canada (1er juillet)*
- Fête du travail : premier lundi de septembre
- Jour de l'Action de grâces : deuxième lundi d'octobre
- Jour du souvenir (11 novembre)*
- Jour de Noël (25 décembre)*
- L'après-Noël (26 décembre)

Si le 26 décembre est un samedi, les bureaux de l'OPIC seront fermés le lundi suivant. S'il coïncide avec un dimanche ou un lundi, les bureaux le seront le mardi d'après.

* Si l'un ou l'autre de ces jours fériés est un samedi ou un dimanche, les bureaux des brevets et marques de commerce seront fermés le lundi suivant.

6. Procedures in case of an unexpected office closure at CIPO

In case of an **emergency**, CIPO will attempt to remain open for business and ensure that essential service to our clients continues with the least possible disruption or delay.

In view of the **date-sensitive nature** of intellectual property (IP), clients are advised to address important deadlines ahead of time to minimize the risk of affecting their IP rights. For the purposes of such deadlines, unless otherwise notified, clients should assume that all due dates remain in effect.

Whenever CIPO is closed for business, including closures due to extraordinary circumstances, CIPO considers **all time limits to be extended until the next day that it is open for business**. In such situations, mail delivered to CIPO or to the designated regional offices will be considered to be received on the date that CIPO re-opens for business, with the exception of correspondence addressed to the Registrar of Topographies.

There may also be instances in which the designated regional offices may be temporarily closed, yet CIPO remains open for business. In such situations, it remains the responsibility of CIPO's clients to ensure that all deadlines are respected.

Clients are **strongly encouraged** to send date-sensitive material through Canada Post by Registered Mail™ or Xpresspost™ or electronically using the relevant links set out in section 2.2 of these correspondance procedures. Documents may continue to be faxed to CIPO at 819-953-CIPO (953-2476); however date-sensitive material requiring fee payment that is sent by fax must be accompanied by a VISA, MasterCard, or American Express credit card number, or CIPO

6. Procédures en cas de fermeture des bureaux

Dans une **situation d'urgence**, l'OPIC s'efforcera de demeurer ouvert au public et d'assurer un service essentiel à ses clients, et ce, avec le moins d'interruption ou de retard possible.

Étant donné **l'importance que revêtent les délais** en matière de propriété intellectuelle (PI), il est recommandé aux clients de minimiser les risques pouvant nuire à leurs droits en matière de PI en tenant compte à l'avance des dates limites importantes. En ce qui a trait aux délais prescrits, les clients doivent respecter toutes les dates d'échéance, à moins d'avis contraire.

Dans les cas où l'OPIC est fermé au public, y compris pour des raisons exceptionnelles, **les dates limites seront réputées être reportées au prochain jour où l'OPIC sera ouvert au public**. Le cas échéant, sauf pour la correspondance adressée au registraire des topographies, le courrier livré à l'OPIC ou aux bureaux régionaux désignés sera réputé avoir été reçu le jour où l'OPIC rouvre au public.

Il pourrait y avoir des cas où les bureaux régionaux seraient fermés temporairement, mais où l'OPIC resterait ouvert au public. Le cas échéant, les clients de l'OPIC demeurent responsables du respect de tous les échéanciers.

Les clients sont **fortement encouragés** à faire parvenir les documents assujettis à des délais précis par Postes Canada par Courrier recommandé^MC, par Xpresspost^MC ou par voie électronique en utilisant les liens spécifiés à l'article 2.2 de ces procédures de correspondance. Il est toujours possible de télécopier des documents à l'OPIC en composant le 819-953-OPIC (953-6742). Cependant, les documents assujettis à des délais pour lesquels des frais sont exigés, envoyés par

deposit account number.

télécopieur, doivent être accompagnés d'un numéro de carte VISA, Mastercard ou American Express ou d'un numéro de compte de dépôt à l'OPIC.

When possible during an emergency, information and search systems will continue to be available on our website; however, services provided through the Client Service Centre and other support areas within CIPO may be temporarily unavailable. Should an emergency occur, CIPO will post information on our service interruptions as they become available and as circumstances permit.

En cas d'urgence, les systèmes d'information et de recherche seront, dans la mesure du possible, accessibles à partir de notre site Web; toutefois, les services fournis par le Centre de services à la clientèle et les autres services de soutien de l'OPIC pourraient temporairement ne pas être offerts. En cas d'urgence, l'OPIC affichera les renseignements nécessaires sur notre page d'interruptions des services lorsque ceux-ci seront disponibles et si les circonstances le permettent.

7. Procedures when CIPO is open for business but clients are unable to communicate with the Office

7. Procédures à suivre lorsque les clients sont incapables de communiquer avec les bureaux de l'Office de la propriété intellectuelle du Canada durant les heures d'ouverture

Patents, Industrial Design, Copyright and Integrated Circuit Topography

The legislative framework in relation with the abovementioned types of intellectual property does not provide CIPO with the flexibility to extend deadlines when it is open for business but clients are unable to communicate with the Office.

In these situations it remains the responsibility of clients to ensure that all deadlines are respected.

Brevets, dessins industriels, droit d'auteur et topographies de circuits intégrés

Le cadre législatif relié aux types de propriété intellectuelle mentionnés ci-haut ne permet pas à l'OPIC d'avoir la flexibilité de proroger les délais lors d'une journée ouvrable pendant laquelle les clients sont dans l'impossibilité de communiquer avec le bureau.

Dans une telle situation, les clients demeurent tenus de veiller à ce que les échéances soient respectées.

Trademarks

The Trade-marks Act and Regulations does allow clients to request a retroactive extension of time when a due date has been missed due to a force majeure type situation. For a retroactive extension of time to be granted, the Registrar of Trade-marks must be satisfied that the failure to do the act or apply for an extension of time before the original due date was not reasonably avoidable. A prescribed fee of $125 may be required in certain cases.

CIPO notes that Bill C-59 – Budget Implementation Act 2015, which received royal assent on June 23, 2015, contains provisions for extensions of time in Force Majeure-type situations (such as catastrophic events). CIPO has commenced work on regulatory amendments to the Patent Rules, Trade-Marks Regulations and the Industrial Design Regulations to bring Bill C-59 into force.

Marques de commerce

La Loi sur les marques de commerce et le Règlement sur les marques de commerce permettent aux clients de demander une prorogation rétroactive lorsqu'un délai n'a pas été respecté en raison d'une situation de force majeure. Pour qu'une prorogation rétroactive soit accordée, le registraire des marques de commerce doit être convaincu que l'omission d'accomplir l'acte ou de demander la prorogation avant la date initiale d'échéance n'était pas raisonnablement évitable. Un droit prescrit de 125 $ peut être exigé dans certains cas.

L'OPIC souligne que le projet de loi C-59 – Loi d'exécution du budget 2015, qui a reçu la sanction royale le 23 juin 2015, renferme des dispositions permettant la prorogation de délais dans des cas de force majeure (événements catastrophiques par exemple). L'OPIC a entamé des travaux visant à apporter des modifications réglementaires aux Règles sur les brevets, au Règlement sur les marques de commerce et au Règlement sur les dessins industriels afin de mettre le projet de loi C-59 en vigueur.

8. Intellectual property acts, rules and regulations

- Copyright Act
- Copyright Regulations
- Industrial Design Act
- Industrial Design Regulations
- Integrated Circuit Topography Act
- Integrated Circuit Topography Regulations
- Interpretation Act
- Patent Act
- Patent Rules
- Regulations under the PCT
- Trade-marks Regulations

8. Lois, règles et règlements sur la propriété intellectuelle

- Loi sur le droit d'auteur
- Règlement sur le droit d'auteur
- Loi sur les dessins industriels
- Règlement sur les dessins industriels
- Loi sur les topographies de circuits intégrés
- Règlement sur les topographies de circuits intégrés
- Loi d'interprétation
- Loi sur les brevets
- Règles sur les brevets
- Règlement d'exécution du PCT
- Règlement sur les marques de commerce

15. Canadian Applications Open to Public Inspection

The *Canadian Patent Office Record* of November 7, 2017 contains applications open to public inspection from October 22, 2017 to October 28, 2017.

15. Demandes canadiennes mises à la disponibilité du public

La *Gazette du bureau des brevets* du 7 novembre 2017 contient les demandes disponibles au public pour consultation pour la période du 22 octobre 2017 au 28 octobre 2017.

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November 7, 2017

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7 novembre 2017

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[54] **DEVICE HAVING A TOOL HOLDER, A TOOL AND A BALANCE**
[54] **DISPOSITIF COMPRENANT UN PORTE-OUTIL, UN OUTIL ET UNE BALANCE**
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[72] SCHROER, JOSEF, CH
[72] FRANK, PAUL, CH
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[25] EN
[54] **COMPOUNDS AND METHODS FOR DETECTION OF CARCINOMAS AND THEIR PRECURSOR LESIONS**
[54] **COMPOSES ET METHODES DE DETECTION DE CARCINOMES ET LEURS LESIONS PRECURSEURS**
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[54] **POWDER SNOW TRACK FOR SNOWMOBILE**
[54] **CHENILLE DE MOTONEIGE POUR NEIGE POUDREUSE**
[72] DANDURAND, JULES, CA
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[54] **HIGH AFFINITY, ANTI-HUMAN IGE ANTIBODIES**
[54] **ANTICORPS IGE ANTI-HUMAINS HAUTE AFFINITE**
[72] SINGH, SANJAYA, US
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[54] **SELECTIVE INHIBITION OF NF-KAPPAB ACTIVATION BY PEPTIDES DESIGNED TO DISRUPT NEMO OLIGOMERIZATION**
[54] **INHIBITION SELECTIVE DE L'ACTIVATION DE NF-KAPPAB PAR DES PEPTIDES CONCUS POUR PERTURBER L'OLIGOMERISATION DE LA PROTEINE NEMO**
[72] AGOU, FABRICE, FR
[72] COURTOIS, GILLES, FR
[72] ISRAEL, ALAIN, FR
[72] VERON, MICHEL, FR
[72] TRAINCARD, FRANCOIS, FR
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[54] **METHOD FOR PRODUCING UNSATURATED .OMEGA.-3-FATTY ACIDS IN TRANSGENIC ORGANISMS**
[54] **PROCEDE POUR PRODUIRE DES ACIDES GRAS OMEGA-3 INSATURES DANS DES ORGANISMES TRANSGENIQUES**
[72] CIRPUS, PETRA, DE
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[54] **CONFIGURATION DE DISPOSITIF MEDICAL BASEE SUR LA RECONNAISSANCE D'INFORMATIONS D'IDENTIFICATION**
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[72] SRA, JASBIR S., US
[73] MEDTRONIC, INC., US
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[54] **DIAGNOSIS AND TREATMENT OF ALZHEIMER'S DISEASE**
[54] **DIAGNOSTIC ET TRAITEMENT DE LA MALADIE D'ALZHEIMER**
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[72] WANDS, JACK RAYMOND, US
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[54] **METHODE ET DISPOSITIF DE TRAITEMENT DE L'APNEE OBSTRUCTIVE DU SOMMEIL ET DU RONFLEMENT**
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[51] **Int.Cl. H04L 29/02 (2006.01) H04L 12/28 (2006.01) H04Q 9/00 (2006.01)**
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[54] **BINDING WIRELESS DEVICES IN A BUILDING AUTOMATION SYSTEM**
[54] **DISPOSITIFS DE LIAISON SANS FIL D'UN SYSTEME D'IMMOTIQUE**
[72] NASS, GEOFFREY D., US
[72] GLASER, WILLIAM, US
[73] SIEMENS INDUSTRY, INC., US
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[72] BISHOP, SHANE, CA
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[72] ANDRICEVIC, MARINA, CA
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[54] **DISPLAY DEVICE ON/OFF DETECTION METHODS AND APPARATUS**
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[25] EN
[54] **TRANSGENIC PLANT-BASED METHODS FOR PLANT PESTS USING RNAI**
[54] **PROCEDES BASES SUR DES PLANTES TRANSGENIQUES POUR ORGANISMES NUISIBLES DE PLANTES METTANT EN OEUVRE L'ARN INTERFERENCE (ARNI)**
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[72] FELDMANN, PASCALE, BE
[72] PLAETINCK, GEERT, BE
[72] NOOREN, IRENE, NL
[72] VAN BLEU, ELS, BE
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[54] **BIOPUCES A MOLECULES SIMPLES AUTOASSEMBLEES ET UTILISATIONS**
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[72] CALLOW, MATTHEW J., US
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[54] **DOSE UNITAIRE COMPRENANT UN LIANT DE PHOSPHATE MINERAL INSOLUBLE DANS L'EAU**
[72] PENNELL, RUTH DIANE, GB
[72] NEWTON, MAURICE SYDNEY, GB
[72] MORRISON, JAMES DAVID, GB
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[72] RHODES, NIGEL PETER, GB
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[54] **AGRAFEUSE CHIRURGICALE COMPRENANT UN MECANISME D'ARTICULATION**
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[54] **METHOD FOR THE PRODUCTION OF ANTIBODIES IN IMMUNODEFICIENT ANIMAL INJECTED WITH HUMAN FETAL LIVER STEM CELLS**
[54] **PROCEDE DESTINE A LA PRODUCTION D'ANTICORPS CHEZ UN ANIMAL IMMUNODEFICIENT DANS LEQUEL ON A INJECTE DES CELLULES SOUCHES HEPATIQUES FOETALES HUMAINES**
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[54] **ANTAGONISTES MACROCYCLIQUES DU RECEPTEUR DE LA MOTILINE POUR LE TRAITEMENT DE TROUBLES DE DYSMOTILITE GASTRO-INTESTINALE**
[72] MARSAULT, ERIC, CA
[72] FRASER, GRAEME, CA
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[54] **SYSTEME ET METHODE DE PRESTATION DE SERVICES DE TELECOMMUNICATIONS ENTRE UN POINT D'ACCES ET UN RESEAU DE TELECOMMUNICATIONS, ET DE FOURNITURE D'AVIS D'INFORMATION MANQUANTE**
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[54] **PROCEDE DE TRANSFORMATION AMELIORE POUR LA FABRICATION DE FEUILLES D'ACIER AMORPHE/NANOMETRIQUE/QUASI-NANOMETRIQUE**
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[72] HOFFMANN, ARTUR, DE
[72] MARX, THOMAS, DE
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[72] CHARVOLIN, DELPHINE, FR
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[54] **SYSTEME ET PROCEDE POUR ORIENTER DES DONNEES DE BALAYAGE DE NUAGES DE POINTS PAR RAPPORT A DES DONNEES DE REFERENCE DE BASE**
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[54] **AMELIORATION DE LA FACILITE DE RECUPERATION DANS UN RESEAU DE TEMPORISATION COORDONNE**
[72] CARLSON, SCOTT, US
[72] CRABTREE, DONALD, US
[72] DAHLEN, DENNIS, US
[72] DHONDY, NOSHIR, US
[72] ELKO, DAVID, US
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[54] **AMELIORATION DE LA FACILITE DE SYNCHRONISATION DE SERVEURS DANS UN RESEAU DE TEMPORISATION COORDONNE**
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[54] **METHOD AND SYSTEM FOR MONITORING OXYGENATION LEVELS OF A COMPARTMENT FOR DETECTING CONDITIONS OF A COMPARTMENT SYNDROME**
[54] **PROCEDE ET SYSTEME DE SURVEILLANCE DE NIVEAUX D'OXYGENATION D'UN COMPARTIMENT POUR DETECTER DES ETATS D'UN SYNDROME DU COMPARTIMENT**
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[73] BOSTON FOUNDATION FOR SIGHT, US
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[54] **PROCEDE ET APPAREIL POUR FOURNIR DES SERVICES DE GESTION OPTIMALE DE COMMANDES**
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[54] **APPAREIL PERMETTANT DE DETERMINER L'ATTRIBUTION D'UNE PLURALITE D'ENSEMBLES DE PRIX**
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[72] WRIGHT, DEAN, AU
[73] PALTRONICS AUSTRALASIA PTY LIMITED, AU
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[54] **POLYPEPTIDES DE LIAISON AUX RECEPTEURS FC A FONCTIONS EFFECTRICES MODIFIEES**
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[72] LEGER, OLIVIER, FR
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[54] **ISOLATEUR DE CHARGES ACTIF ET HAUT-PARLEUR SANS-FIL POUR DES ENVIRONNEMENTS DE SIGNAUX MIXTES**
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[54] **COMPOSITIONS ET PROCEDES POUR LE TRAITEMENT D'INFESTATIONS PAR DEMODEX**
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[72] MALASSENET, FRANCOIS JACQUES, US
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[54] **PROCEDE DE DESACIDIFICATION D'UN GAZ PAR SOLUTION ABSORBANTE AVEC VAPORISATION ET/OU PURIFICATION D'UNE FRACTION DE LA SOLUTION ABSORBANTE REGENEREE**
[72] BOUILLON, PIERRE-ANTOINE, FR
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[54] **CLOTURE METALLIQUE ET METHODE DE MONTAGE**
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[54] **FEUILLE COMPRENANT AU MOINS UN FILIGRANE OU PSEUDO-FILIGRANE OBSERVABLE QUE D'UNE FACE DE LA FEUILLE**
[72] RANCIEN, SANDRINE, FR
[72] REMY, ALBAN, FR
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[54] **TRANSFERT DE DONNEES BIDIRECTIONNEL EN UNE SEULE OPERATION D'E/S**
[72] CASPER, DANIEL, US
[72] FLANAGAN, JOHN, US
[72] KALOS, MATTHEW, US
[72] SITTMANN, GUSTAV, III, US
[72] HUANG, CATHERINE, US
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[54] **FOURNITURE D'ADRESSAGE DE DONNEES INDIRECT DANS UN SYSTEME DE TRAITEMENT D'ENTREES/SORTIES DANS LEQUEL LA LISTE D'ADRESSES DE DONNEES INDIRECTE EST NON CONTIGUE**
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[54] **OUTIL A MAIN AVEC BRULEUR INCORPORE ET ENSEMBLE DETENTE-ALLUMEUR PIEZOELECTRIQUE DEMONTABLE**
[72] GUILLOU, YVES, FR
[72] LE DRAPPIER, CHRISTOPHE, FR
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[54] **SEPARATEURS DE FEUILLES ET PROCEDES ASSOCIES**
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[54] **DISPOSITIF DE DETECTION DE PROXIMITE CAPACITIF POUR APPAREIL ELECTRIQUE**
[72] COOPER, ANTHONY, US
[72] HOMBROEK, PHILLIP, US
[72] KOPECKY, JOSHUA, US
[72] ROBERTSON, DOUGLAS, US
[72] VASSOS, HARALABOS ALEXANDER, US
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[54] **METHODES ET SYSTEME POUR SEPARER LE DIOXYDE DE CARBONE DE GAZ SYNTHETIQUE**
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[73] GENERAL ELECTRIC COMPANY, US
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[54] **UTILISATION DU FACTEUR 1 DERIVE DE CELLULES STROMALES AFIN DE FAVORISER LA GUERISON DES PLAIES**
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[72] KIEDROWSKI, MATTHEW, US
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[54] **COMPOSES ANTIMICROBIENS**
[72] STENSEN, WENCHE, NO
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[72] REKDAL, OYSTEIN, NO
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[54] **OSTEOGENIC DIFFERENTIATION OF BONE MARROW STEM CELLS AND MESENCHYMAL STEM CELLS USING A COMBINATION OF GROWTH FACTORS**
[54] **DIFFERENCIATION OSTEOGENIQUE DE CELLULES SOUCHES DE MOELLE OSSEUSE ET DE CELLULES SOUCHES MESENCHYMATEUSES A L'AIDE D'UNE COMBINAISON DE FACTEURS DE CROISSANCE**
[72] BADOER, CINDY, BE
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[72] PESESSE, XAVIER, BE
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[72] ROBINSON, JEEVAN, US
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[54] **SYSTEMES CELLULAIRES DE SOUTENEMENT DE PALPLANCHES AVEC MURS EN AVAL NON RACCORDES ET METHODES D'UTILISATION Y FAISANT APPEL**
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[72] HARTLEY, MICHAEL, US
[72] GUNDERSON, WILLIAM F., US
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[54] **APPAREIL ET METHODE PERMETTANT DE FORMER UNE SEQUENCE DE PAQUET**
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[72] TIEBEL, PETER, DE
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[72] SLEPIAN, ROBERT MICHAEL, US
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[54] **CONFIGURATION ET METHODES APPLICABLES AUX PARAMETRES DE COMMUNICATION D'UN APPAREIL RADIO A GRANDE PUISSANCE FAISANT APPEL A UNE PUISSANCE DE CONFIGURATION LIMITEE**
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[72] DIETRICH, FRANK, CA
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[54] **SYSTEME, APPAREIL ET PROCEDE POUR LA RECUPERATION DES BILLES DES FLUIDES DE PUITS FORAGE CONTENANT DU SABLE**
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[72] WATTS, GRAHAM A., CA
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[54] **COMPOSITIONS COMPORTANT UN COPOLYMERE SUPERHYDROPHILE AMPHIPHILE ET UN EPAISSISSANT MICELLAIRE**
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[72] SUN, FRANK C., US
[72] LIBRIZZI, JOSEPH J., US
[72] GARDNER, JOSEPH B., US
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[54] **DETECTION D'EVENEMENT CARDIAQUE AIGU DANS UN DISPOSITIF DE STIMULATION CARDIAQUE IMPLANTABLE**
[72] WARREN, JAY A., US
[72] ALLAVATAM, VENUGOPAL, US
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[54] **SYSTEME ET PROCEDE DE POSITIONNEMENT, DE DETECTION ET DE COMMUNICATION**
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[54] **PROCESS AND APPARATUS FOR MAKING A MINERAL MELT**
[54] **PROCEDE ET APPAREIL DE FABRICATION D'UNE MATIERE MINERALE FONDUE**
[72] HANSEN, PETER FARKAS BINDERUP, DK
[72] HANSEN, LARS ELMEKILDE, DK
[72] BOLLUND, LARS, DK
[72] HANSEN, LARS KRESTEN, DK
[73] ROCKWOOL INTERNATIONAL A/S, DK
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[54] **COMPOSITIONS COMPRISING 1,1,1,2,3-PENTAFLUOROPROPANE OR 2,3,3,3- TETRAFLUOROPROPENE**
[54] **COMPOSITIONS COMPRENANT DU 1,1,1,2,3-PENTAFLUOROPROPANE OU DU 2,3,3,3- TETRAFLUOROPROPENE**
[72] MAHLER, BARRY ASHER, US
[72] NAPPA, MARIO JOSEPH, US
[72] KNAPP, JEFFREY P., US
[73] E. I. DU PONT DE NEMOURS AND COMPANY, US
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[25] EN
[54] **DISPERSINB TM, 5-FLUOROURACIL, DEOXYRIBONUCLEASE I AND PROTEINASE K-BASED ANTIBIOFILM COMPOSITIONS AND USES THEREOF**
[54] **COMPOSITIONS ANTI-BIOFILM A BASE DE DISPERSINB (MD), 5-FLUOROURACILE, DESOXYRIBONUCLEASE I ET LA PROTEINASE K ET LEUR UTILISATIONS**
[72] MADHYASTHA, SRINIVASA, CA
[72] GAWANDE, PURUSHOTTAM, CA
[72] LOVETRI, KAREN, CA
[72] YAKANDAWALA, NANDADEVA, CA
[72] KAPLAN, JEFFREY B., US
[73] KANE BIOTECH INC., CA
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[54] **THERMAL INSPECTION SYSTEMS**
[54] **SYSTEMES D'INSPECTION THERMIQUE**
[72] ALLEN, JASON RANDOLPH, US
[72] CROSBY, JARED MICHAEL, US
[72] UHL, CHRISTOPHER JOSEPH, US
[72] CIMINI, MICHAEL ORLANDO, US
[72] MCCARTT, BIANCA MARY, US
[72] CADDELL, JAMES WALTER, US
[72] REYNOLDS, JARED REECE, US
[72] TAIT, ROBERT WILLIAM, US
[72] FERRO, ANDREW FRANK, US
[73] GENERAL ELECTRIC COMPANY, US
[86] (2720603)
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[54] **METHOD AND APPARATUS FOR COMPENSATION FOR WEATHER-BASED ATTENUATION IN A SATELLITE LINK**
[54] **PROCEDE ET APPAREIL DE COMPENSATION D'UNE ATTENUATION DE LIAISON SATELLITE DUE AUX INTEMPERIES**
[72] LAUFER, SHAUL, IL
[73] ADVANTECH WIRELESS LTD., IL
[85] 2010-10-08
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[54] **MULTI-COMPONENT FOOD PACKAGING FOR MICROWAVE OVEN**
[54] **CONDITIONNEMENT ALIMENTAIRE MULTIELEMENTS POUR FOUR A MICRO- ONDES**
[72] BIRCHMEIER, KATHRYN MARIE, US
[72] COGLEY, PAUL ANDREW, US
[72] SAKAMOTO, NORIKO, JP
[72] OTSUKA, KOJI, JP
[72] KADO, TAKASHI, JP
[73] DAI NIPPON PRINTING COMPANY LTD., JP
[73] KRAFT FOODS GROUP BRANDS LLC, US
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[87] (2721885)
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[54] **PLANETARY GEAR UNIT**
[54] **BLOC A ENGRENAGE PLANETAIRE**
[72] SMOOK, WARREN, BE
[73] ZF WIND POWER ANTWERPEN N.V., BE
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[25] EN
[54] **PROCESS FOR THE STRIPPING OF WORKPIECES AND STRIPPING SOLUTION**
[54] **PROCEDE D'ENLEVEMENT DE COUCHES DE PIECES ET SOLUTION D'ENLEVEMENT DE COUCHES**
[72] ANDREOLI, TAMARA, LI
[72] RAUCH, UDO, AT
[73] OERLIKON SURFACE SOLUTIONS AG, PFAFFIKON, CH
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[54] **PORTABLE HOCKEY BOX**
[54] **BOITE DE JEU DE HOCKEY PORTATIF**
[72] FREW, ROGER, CA
[73] HBOX SPORTS, LTD., CA
[86] (2724901)
[87] (2724901)
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[54] **SURVEILLANCE DEVICES WITH MULTIPLE CAPACITORS**
[54] **DISPOSITIFS DE SURVEILLANCE AVEC MULTIPLES CONDENSATEURS**
[72] SMITH, PATRICK, US
[72] CHOI, CRISWELL, US
[72] CLEEVES, JAMES MONTAGUE, US
[72] SUBRAMANIAN, VIVEK, US
[72] KAMATH, ARVIND, US
[72] MOLESA, STEVEN, US
[73] THIN FILM ELECTRONICS ASA, NO
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[54] **[4-(1-AMINO-ETHYL)-CYCLOHEXYL]-METHYL-AMINE AND [6-(1-AMINO-ETHYL)-TETRAHYDRO-PYRAN-3-YL]-METHYL-AMINE DERIVATIVES AS ANTIBACTERIALS**
[54] **DERIVES DE [4-(1-AMINO-ETHYL)-CYCLOHEXYL]-METHYL-AMINE ET DE [6-(1-AMINO-ETHYL)-TETRAHYDRO-PYRAN-3-YL]-METHYL-AMINE COMME ANTIBACTERIENS**
[72] HUBSCHWERLEN, CHRISTIAN, FR
[72] RUEEDI, GEORG, CH
[72] SURIVET, JEAN-PHILIPPE, FR
[72] ZUMBRUNN ACKLIN, CORNELIA, CH
[73] IDORSIA PHARMACEUTICALS LTD, CH
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[54] **REDUCED-PRESSURE, COMPRESSION SYSTEMS AND APPARATUSES FOR USE ON A CURVED BODY PART**
[54] **SYSTEMES ET APPAREILS DE COMPRESSION A PRESSION REDUITE DESTINES A ETRE UTILISES SUR UNE PARTIE INCURVEE DU CORPS**
[72] WILKES, ROBERT PEYTON, US
[72] LONG, JUSTIN ALEXANDER, US
[72] KAZALA, RICHARD MARVIN, JR., US
[73] KCI LICENSING, INC., US
[85] 2010-11-26
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[54] **OPTICAL DEVICES AND SYSTEMS USING THEM**
[54] **DISPOSITIFS OPTIQUES ET SYSTEMES LES UTILISANT**
[72] VILLAUMIE, JULIEN S., IE
[73] PERKINELMER HEALTH SCIENCES, INC., US
[85] 2010-11-29
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[72] BOIT, BAPTISTE, FR
[72] LEFEVRE, PHILIPPE, FR
[72] PASSE, DAMIEN, FR
[73] ROQUETTE FRERES, FR
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[86] 2009-07-02 (PCT/FR2009/051293)
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[54] **HIGH ENERGY DENSITY REDOX FLOW DEVICE**
[54] **DISPOSITIF D'ECOULEMENT REDOX A HAUTE DENSITE D'ENERGIE**
[72] CHIANG, YET-MING, US
[72] CARTER, W. CRAIG, US
[72] HO, BRYAN Y., US
[72] DUDUTA, MIHAI, US
[73] MASSACHUSETTS INSTITUTE OF TECHNOLOGY, US
[73] 24M TECHNOLOGIES, INC., US
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[54] **CDCA1 EPITOPE PEPTIDES AND VACCINES CONTAINING THE SAME**
[54] **PEPTIDES D'EPITOPE DE CDCA1 ET VACCINS CONTENANT CEUX-CI**
[72] TSUNODA, TAKUYA, JP
[72] OHSAWA, RYUJI, JP
[72] YOSHIMURA, SACHIKO, JP
[73] ONCOTHERAPY SCIENCE, INC., JP
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[54] **METHOD FOR EVALUATING THE AMOUNT OF METHANE PRODUCED BY A DAIRY RUMINANT AND METHOD FOR DECREASING AND CONTROLLING THIS AMOUNT**
[54] **PROCEDE D'EVALUATION DE LA QUANTITE DE METHANE PRODUITE PAR UN RUMINANT LAITIER ET PROCEDE POUR DIMINUER ET CONTROLER CETTE QUANTITE**
[72] WEILL, PIERRE, FR
[72] CHESNEAU, GUILLAUME, FR
[72] CHILLIARD, YVES, FR
[72] DOREAU, MICHEL, FR
[72] MARTIN, CECILE, FR
[73] VALOREX, FR
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[54] **AUTO-INJECTEUR AVEC MOYEN DE REMPLISSAGE REUTILISABLE**
[72] JENNINGS, DOUGLAS IVAN, GB
[72] BURNELL, ROSEMARY LOUISE, GB
[73] CILAG GMBH INTERNATIONAL, CH
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[54] **CONTROLLED RELEASE FERTILIZER COMPOSITION**
[54] **COMPOSITION D'ENGRAIS A LIBERATION PROGRESSIVE**
[72] OGLE, JEFFREY MICHAEL, US
[72] SIMS, JOHNNY DURAN, US
[73] KOCH AGRONOMIC SERVICES, LLC, US
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[54] **COMPOSITIONS AND METHODS FOR TREATING SYMPTOMS ASSOCIATED WITH MENOPAUSE, HORMONAL VARIATIONS AND ARTHRITIS**
[54] **COMPOSITIONS ET PROCEDES DE TRAITEMENT DE SYMPTOMES ASSOCIES A LA MENOPAUSE, AUX VARIATIONS HORMONALES ET A L'ARTHRITE**
[72] DUKE, DEBRA M., US
[72] DUKE, RICHARD C., US
[73] MENOGENIX, INC., US
[85] 2011-01-24
[86] 2009-07-22 (PCT/US2009/051429)
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[54] **COMPOSITIONS FOR USE IN CONSTRUCTION AND METHODS OF APPLYING THE SAME**
[54] **COMPOSITIONS DESTINEES A ETRE UTILISEES DANS LE DOMAINE DE LA CONSTRUCTION ET SES PROCEDES D'APPLICATION**
[72] GARUTI, JOHN, JR., US
[72] CALVO, LOUIS M., US
[73] FORMULATED SOLUTIONS, LLC, US
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[54] **3',6-SUBSTITUTED INDIRUBINS AND THEIR BIOLOGICAL APPLICATIONS**
[54] **INDIRUBINES SUBSTITUEES EN 3',6 ET LEURS APPLICATIONS BIOLOGIQUES**
[72] MEIJER, LAURENT, FR
[72] SKALTSOUNIS, LEANDROS, GR
[72] MIKROS, EMMANUEL, GR
[72] MAGIATIS, PROKOPIOS, GR
[72] JOHNSON, CARL, US
[73] CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE (CNRS), FR
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[54] **RECONNAISSANCE VOCALE DISTRIBUEE A L'AIDE D'UNE COMMUNICATION UNILATERALE**
[72] CARRAUX, ERIC, US
[72] KOLL, DETLEF, US
[73] MULTIMODAL TECHNOLOGIES, LLC, US
[85] 2011-01-27
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[54] **SURFACE COVERING WITH STATIC CONTROL PROPERTIES**
[54] **REVETEMENT DE SURFACE AVEC DES PROPRIETES ANTISTATIQUES**
[72] ANDERSON, TOMMY, SE
[72] KARLSSON, ROLAND, SE
[72] STOKKI, ANDERS, SE
[72] MELIN, CECILIA, SE
[72] LINDSTROM, KRISTIN, SE
[73] TARKETT FRANCE, FR
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[25] EN
[54] **VASOCONSTRICTION COMPOSITIONS AND METHODS OF USE**
[54] **COMPOSITIONS DE VASOCONSTRICTION, ET PROCEDES D'UTILISATION**
[72] HORN, GERALD, US
[73] EYE THERAPIES LLC, US
[85] 2011-01-31
[86] 2009-07-27 (PCT/US2009/051857)
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[30] US (61/137,714) 2008-08-01
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[25] EN
[54] **METHOD FOR DETECTING ABNORMALITIES IN A CRYPTOGRAPHIC CIRCUIT PROTECTED BY DIFFERENTIAL LOGIC, AND CIRCUIT FOR IMPLEMENTING SAID METHOD**
[54] **PROCEDE DE DETECTION D'ANOMALIES DANS UN CIRCUIT DE CRYPTOGRAPHIE PROTEGE PAR LOGIQUE DIFFERENTIELLE ET CIRCUIT METTANT EN OEUVRE UN TEL PROCEDE**
[72] DANGER, JEAN-LUC, FR
[72] GUILLEY, SYLVAIN, FR
[72] FLAMENT, FLORENT, FR
[73] INSTITUT TELECOM - TELECOM PARISTECH, FR
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[54] **CARBON DIOXIDE CAPTURE METHOD AND FACILITY**
[54] **PROCEDE ET UNITE DE CAPTURE DE DIOXYDE DE CARBONE**
[72] KEITH, DAVID, CA
[72] MAHMOUDKHANI, MARYAM, CA
[72] BIGLIOLI, ALESSANDRO, CA
[72] HART, BRANDON, CA
[72] HEIDEL, KENTON, CA
[72] FONIOK, MIKE, CA
[73] CARBON ENGINEERING LIMITED PARTNERSHIP, CA
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[25] EN
[54] **METHOD FOR DETERMINING THREE-DIMENSIONAL STRUCTURES OF DYNAMIC MOLECULES**
[54] **PROCEDE PERMETTANT DE DETERMINER LES STRUCTURES TRIDIMENSIONNELLES DE MOLECULES DYNAMIQUES**
[72] BLUNDELL, CHARLES DOUGLAS, GB
[72] ALMOND, ANDREW, GB
[73] C4X DISCOVERY LIMITED, GB
[85] 2011-02-25
[86] 2008-09-03 (PCT/GB2008/002973)
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[54] **ELECTRIC ABRASIVE SHARPENER HAVING ADJUSTABLE GRINDING WHEELS**
[54] **AIGUISOIR ELECTRIQUE ABRASIF COMPORTANT DES MEULES REGLABLES**
[72] SMITH, RICHARD S., US
[72] CHALFANT, LOUIS, US
[73] SMITH'S CONSUMER PRODUCTS, INC., US
[86] (2736419)
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[54] **UTILISATION D'INHIBITEURS D'HISTONE DESACETYLASES POUR SOIGNER DES SYNDROMES MYELOPROLIFERATIFS PHILADELPHIE-NEGATIFS**
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[72] MASCAGNI, PAOLO, IT
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[54] **A CONTINUOUS ROD PUMP DRIVE SYSTEM**
[54] **SYSTEME D'ENTRAINEMENT CONTINU DE POMPE A TIGES**
[72] HULT, VERN, CA
[72] WIDNEY, MARK, CA
[73] OIL LIFT TECHNOLOGY INC., CA
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[54] **GENERATEUR DE GAZ, SON PROCEDE DE PRODUCTION, AINSI QUE MODULE COMPRENANT UN GENERATEUR DE GAZ**
[72] BIERWIRTH, SEBASTIAN, DE
[72] HOFMANN, ACHIM, DE
[72] NEUMAYER, HANS-PETER, DE
[72] SPITZENBERGER, DIETER, DE
[72] FUERSTENBERGER, FRANZ, DE
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[54] **PROCESSUS ET APPAREIL DE COULEE A TREMPE DIRECTE**
[72] GILDEMEISTER, DAVID R., US
[72] KIRBY, JAMES L., US
[72] RICHTER, RAY T., US
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[54] **POLYSACCHARIDES COMPORTANT DES GROUPES FONCTIONNELS CARBOXYLES SUBSTITUES PAR UN DERIVE D'ALCOOL HYDROPHOBE**
[72] SOULA, REMI, FR
[72] SOULA, OLIVIER, FR
[72] SOULA, GERARD, FR
[72] CHARVET, RICHARD, FR
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[54] **METHOD, APPARATUS AND SYSTEM FOR TESTING THE SELF-SEALING CAPABILITIES OF A CONCRETE SAMPLE**
[54] **METHODE, APPAREIL ET SYSTEME POUR TESTER LA CAPACITE D'AUTO-SCELLAGE D'UN ECHANTILLON DE BETON**
[72] YUERS, KEVIN, CA
[72] BIPARVA, ALIREZA, CA
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[54] **SYSTEME DE COMMANDE DE VOL ET AERONEF LE COMPORTANT**
[72] BROT, PATRICE, FR
[73] AIRBUS OPERATIONS, FR
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[54] **COMPOSITIONS PROBIOTIQUES ET PROCEDES POUR INDUIRE ET MAINTENIR UNE PERTE DE POIDS**
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[54] **PROCESS FOR THE PRODUCTION AND TREATMENT OF GRAPHITE POWDERS**
[54] **PROCEDE DE FABRICATION ET DE TRAITEMENT DE POUDRES DE GRAPHITE**
[72] ROTA, FABIO, CH
[72] ROSSETTI, EDO, CH
[72] CATTANEO, DAVIDE, CH
[72] SPAHR, MICHAEL, CH
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[54] **PINCE PORTE-OUTIL POUR PRESSES RADIALES**
[72] ZILIANI, MASSIMO, IT
[72] PIANTONI, DANIELE, IT
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[54] **RECIPIENT POUR STOCKER ET DISTRIBUER UNE MATIERE LIQUIDE**
[72] SIRKIS, JAMES RONALD, US
[73] DENTSPLY INTERNATIONAL INC., US
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[54] **SYSTEM AND METHOD FOR CONTROL OF POWER DISTRIBUTION NETWORKS**
[54] **SYSTEME ET PROCEDE DE REGULATION DE RESEAUX DE DISTRIBUTION D'ELECTRICITE**
[72] POPESCU, BOGDAN CRISTIAN, CA
[72] DU TOIT, WILLEM HENDRIK, CA
[73] GENERAL ELECTRIC COMPANY, US
[86] (2742429)
[87] (2742429)
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[54] **DETECTION DE PAQUETS D'ECRITURE PERDUS ET POSTES EN DESORDRE DANS UN RESEAU EXPRESS D'INTERCONNEXION DE COMPOSANTS PERIPHERIQUES (PCI)**
[72] GREGG, THOMAS, US
[73] INTERNATIONAL BUSINESS MACHINES CORPORATION, US
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[54] **PROCEDE DE SPECTROMETRIE DE MASSE PAR DILUTION ISOTOPIQUE AVEC TRACEURS MULTIPLES**
[72] OUERDANE, LAURENT, FR
[72] MEIJA, JURIS, CA
[72] MESTER, ZOLTAN, CA
[73] NATIONAL RESEARCH COUNCIL OF CANADA, CA
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[54] **DISPOSITIF D'ACCROCHAGE**
[72] PETERSON, CLAYTON R., US
[72] ROBICHAUD, ANDRE, US
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[54] **PROCEDE DE TRAITEMENT D'IMAGE POUR L'ESTIMATION D'UN RISQUE DE RUPTURE D'UNE PLAQUE D'ATHEROME**
[72] OHAYON, JACQUES, FR
[72] LE FLOC'H, SIMON, FR
[72] FINET, GERARD, FR
[72] TRACQUI, PHILIPPE, FR
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[54] **ALPHA-DERIVATIVES OF CIS-MONOUNSATURATED FATTY ACIDS FOR USE AS MEDICINES**
[54] **ACIDES GRAS CIS-MONO-INSATURES ALPHA-DERIVES DESTINES A ETRE UTILISES COMME MEDICAMENT**
[72] ESCRIBA RUIZ, PABLO VICENTE, ES
[72] BUSQUETS XAUBET, XAVIER, ES
[72] BARCELO COBLIJN, GWENDOLYN, ES
[72] LLADO CANELLAS, VICTORIA, ES
[72] ALVAREZ MARTINEZ, RAFAEL, ES
[72] TERES JIMENEZ, SILVIA, ES
[72] LOPEZ, DANIEL, ES
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[54] **HUMAN MILK PERMEATE COMPOSITIONS AND METHODS OF MAKING AND USING SAME**
[54] **COMPOSITIONS DE PERMEAT DE LAIT HUMAIN ET PROCEDES DE FABRICATION ET D'UTILISATION DE CELLES-CI**
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[72] EAKER, SCOTT, US
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[54] **ASSAY DEVICE AND METHOD FOR PERFORMING BIOLOGICAL ASSAYS**
[54] **DISPOSITIF DE DOSAGE ET PROCEDE POUR EFFECTUER DES DOSAGES BIOLOGIQUES**
[72] DEMIERRE, NICOLAS, CH
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[72] GIL, JOSE, CH
[72] RENAUD, PHILIPPE, CH
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[54] **INJECTEUR A USAGE UNIQUE DOTE D'UN BOITIER ELASTIQUE EN FLEXION**
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[54] **METHOD AND APPARATUS FOR SCALABLE MONITORING OF VIRTUAL MACHINE ENVIRONMENTS**
[54] **PROCEDE ET APPAREIL POUR UNE SURVEILLANCE EXTENSIBLE D'ENVIRONNEMENTS DE MACHINES VIRTUELLES**
[72] HOU, KAI-YUAN, US
[72] HUANG, HAI, US
[72] RUAN, YAOPING, US
[72] SAHU, SAMBIT, US
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[54] **REGIME POSOLOGIQUE D'UN AGONISTE DU RECEPTEUR S1P**
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[73] NOVARTIS AG, CH
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[54] **SYSTEME COMMANDE POUR LA DENSIFICATION DE SOLS FAIBLES**
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[54] **SYSTEME ET PROCEDE POUR DEVERROUILLER UN DISPOSITIF**
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[72] ARSENAULT, JONATHAN, CA
[72] FORTIER, STEPHANE, CA
[73] BCE INC., CA
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[54] **INSTRUMENT DE RECOLTE**
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[72] CREVLING, ROBERT LENT, JR., US
[73] SHOP VAC CORPORATION, US
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[54] **APPAREIL DESTINE AU MELANGE RAPIDE DE MILIEUX ET METHODE**
[72] BELDRING, FINN, DK
[72] LUKIC, DRAGAN, DK
[72] HILSTROM, TROELS, DK
[73] BIOGASOL APS, DK
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[54] **COMPOSITIONS COMPRISING A LIPOPHILIC EXTRACT OF ZINGIBER OFFICINALE AND AN EXTRACT OF CYNARA SCOLYMUS, WHICH ARE USEFUL FOR THE PREVENTION AND TREATMENT OF OESOPHAGEAL REFLUX AND IRRITABLE BOWEL SYNDROME**
[54] **COMPOSITION COMPRENANT UN EXTRAIT LIPOPHILE DE ZINGIBER OFFICINALE ET UN EXTRAIT DE CYNARA SCOLYMUS, POUVANT ETRE EMPLOYEE DANS LE TRAITEMENT PROPHYLACTIQUE ET THERAPEUTIQUE DU REFLUX GASTRO-OESOPHAGIEN ET DU SYNDROME DU COLON IRRITABLE**
[72] BOMBARDELLI, EZIO, IT
[73] INDENA S.P.A., IT
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[54] **COMPOSITIONS D'AGENT D'EXPANSION A BASE DE TETRAFLUOROPROPENE**
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[73] ARKEMA INC., US
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[54] **PROCEDES ET DISPOSITIFS ELECTRONIQUES POUR SELECTIONNER ET AFFICHER DES MINIATURES**
[72] RUNSTEDLER, CHRISTOPHER JAMES, CA
[72] BOECKNER, BARTHOLOMEW ALEXANDER, CA
[72] FAHMY, SAMER, CA
[73] BLACKBERRY LIMITED, CA
[86] (2751091)
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[54] **AUTHENTIFICATION DES UTILISATEURS EN LIGNE**
[72] KASTURI, SRINIVAS, GB
[73] BARCLAYS BANK PLC, GB
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[54] **APPAREIL DE COMPENSATION**
[72] BROWN, STEPHEN PHILLIP, GB
[72] HUGHES, ROBERT JULIAN FRANCIS, GB
[72] CRAIG, ANTONY DUNCAN, GB
[73] ASTRIUM LIMITED, GB
[85] 2011-08-19
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[51] **Int.Cl. A61N 1/34 (2006.01) A61N 1/36 (2006.01)**
[25] EN
[54] **ELECTRICAL STIMULATION DEVICE WITH ADDITIONAL SENSORY MODALITIES**
[54] **DISPOSITIF DE SIMULATION ELECTRIQUE COMPORTANT DES MODALITES SENSORIELLES SUPPLEMENTAIRES**
[72] KRIKSUNOV, LEO B., US
[72] FURGIUELE, NAOMI, US
[72] GHAIM, JOSHUA, US
[72] OMER, ALIYA, US
[72] ROBINSON, RONNI, US
[73] MCNEIL-PPC, INC., US
[85] 2011-09-06
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[54] **METHOD FOR DRYING MICROFIBRILLATED CELLULOSE**
[54] **PROCEDE DE SECHAGE DE CELLULOSE MICROFIBRILLEE**
[72] OEVREBOE, HANS HENRIK, NO
[72] WICHMANN, JENS-UWE, NO
[72] OPSTAD, ANNE, NO
[72] HOLTAN, SYNNOVE, NO
[73] BORREGAARD AS, NO
[85] 2011-09-09
[86] 2010-03-10 (PCT/EP2010/001496)
[87] (WO2010/102802)
[30] EP (09003576.7) 2009-03-11
[30] EP (09003577.5) 2009-03-11
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[54] **COUNTER**
[54] **COMPTEUR**
[72] BACON, RAYMOND, GB
[73] EURO-CELTIQUE S.A., LU
[85] 2011-09-12
[86] 2010-03-10 (PCT/GB2010/050405)
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[25] EN
[54] **MECHANICAL SEAL WITH IMPROVED SEAL ASSEMBLY**
[54] **JOINT MECANIQUE AVEC ENSEMBLE JOINT AMELIORE**
[72] ABARCA MELO, RICARDO, CL
[72] GUZMAN CASTRO, RODRIGO, CL
[72] QUIROZ VENEGAS, OSVALDO, CL
[73] VULCO S.A., CL
[85] 2011-09-12
[86] 2010-03-16 (PCT/AU2010/000307)
[87] (WO2010/105295)
[30] CL (0629-2009) 2009-03-16
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[25] EN
[54] **MULTI-FUNCTIONAL FOOTWEAR**
[54] **CHAUSSURE MULTIFONCTIONNELLE**
[72] ROBERTI, NATHANAEL B., US
[73] LALO, LLC, US
[85] 2011-09-14
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[54] **MECHANICAL SEAL**
[54] **JOINT MECANIQUE**
[72] ABARCA MELO, RICARDO, CL
[72] GUZMAN CASTRO, RODRIGO, CL
[72] QUIROZ VENEGAS, OSVALDO, CL
[73] VULCO S.A., CL
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[86] 2010-03-16 (PCT/AU2010/000306)
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[30] CL (0629-2009) 2009-03-16
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[25] EN
[54] **SORBENT DEVICES WITH LONGITUDINAL DIFFUSION PATHS AND METHODS OF USING THEM**
[54] **DISPOSITIFS SORBANTS DOTES DE TRAJETS DE DIFFUSION LONGITUDINAUX ET LEURS PROCEDES D'UTILISATION**
[72] TIPLER, ANDREW, US
[72] DALMIA, AVINASH, US
[73] PERKINELMER HEALTH SCIENCES, INC., US
[85] 2011-09-19
[86] 2010-03-23 (PCT/US2010/028236)
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[54] **IMIDAZOPYRAZINES FOR USE AS KINASE INHIBITORS**
[54] **IMIDAZOPYRAZINES POUR UNE UTILISATION EN TANT QU'INHIBITEURS DE KINASE**
[72] PASTOR FERNANDEZ, JOAQUIN, ES
[72] MARTINEZ GONZALEZ, SONIA, ES
[72] OYARZABAL SANTAMARINA, JULEN, ES
[73] FUNDACION CENTRO NACIONAL DE INVESTIGACIONES ONCOLOGICAS CARLOS III, ES
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[54] **COMPACT HIGH PRESSURE RUBBER HOSE**
[54] **TUYAU FLEXIBLE COMPACT EN CAOUTCHOUC POUR HAUTES PRESSIONS**
[72] WEIL, ANDREAS, US
[72] HUCKABY, JOHN, US
[72] JOHNS, MATHEW, US
[72] PELANDA, PERLUIGI, IT
[72] LEE, KYU TAE, KR
[73] PARKER-HANNIFIN CORPORATION, US
[85] 2011-09-26
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[25] EN
[54] **SPEECH SYNTHESIS AND CODING METHODS**
[54] **PROCEDES DE SYNTHESE ET DE CODAGE DE LA PAROLE**
[72] DRUGMAN, THOMAS, BE
[72] WILFART, GEOFFREY, FR
[72] DUTOIT, THIERRY, BE
[73] ACAPELA GROUP S.A., BE
[73] UNIVERSITE DE MONS, BE
[85] 2011-09-28
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[25] FR
[54] **ANCHORING HARPOON INTENDED IN PARTICULAR FOR AN AIRCRAFT AND ANCHORING SYSTEM INCLUDING ONE SUCH HARPOON**
[54] **HARPON D'ANCRAGE NOTAMMENT D'UN AERONEF ET SYSTEME D'ANCRAGE COMPORTANT UN TEL HARPON**
[72] AFFRE DE SAINT ROME, RONAN, FR
[73] DCNS, FR
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[25] EN
[54] **INK DELIVERY SYSTEM**
[54] **SYSTEME DE DELIVRANCE D'ENCRE**
[72] UPTERGROVE, RONALD L., US
[73] PLASTIPAK PACKAGING, INC., US
[85] 2011-10-05
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[51] **Int.Cl. H03M 13/37 (2006.01) H04L 25/03 (2006.01)**
[25] EN
[54] **METHOD AND APPARATUS FOR GENERATING SOFT BIT VALUES IN REDUCED-STATE EQUALIZERS**
[54] **PROCEDE ET DISPOSITIF POUR PRODUIRE DES VALEURS DE BITS SOUPLES DANS DES EGALISEURS A ETAT REDUIT**
[72] CHEN, DAYONG, US
[73] TELEFONAKTIEBOLAGET LM ERICSSON (PUBL), SE
[85] 2011-10-12
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[25] EN
[54] **SYSTEM AND METHOD OF REDUCING RISK AND/OR SEVERITY OF PRESSURE ULCERS**
[54] **SYSTEME ET PROCEDE POUR REDUIRE LE RISQUE ET/OU LA GRAVITE D'ESCARRES DE DECUBITUS**
[72] DRENNAN, DENIS BURKE, US
[72] SOUTHARD, DANIEL WILLIAM, US
[73] SOUTHARD, DANIEL WILLIAM, US
[73] DM SYSTEMS, INC., US
[85] 2011-10-13
[86] 2010-04-16 (PCT/US2010/031376)
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[25] EN
[54] **PRIMARY CELL DERIVED BIOLOGIC MODIFIED MANUFACTURING PROCESS**
[54] **PROCEDE DE FABRICATION MODIFIE D'AGENT BIOLOGIQUE CELLULAIRE DERIVE PRINCIPAL**
[72] FENNINGTON, GEORGE J., US
[72] BRANDWEIN, HARVEY J., US
[73] IRX THERAPEUTICS, INC., US
[85] 2011-10-14
[86] 2009-04-14 (PCT/US2009/040511)
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[30] US (61/044,674) 2008-04-14

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[51] **Int.Cl. C11D 1/37 (2006.01) C11D 1/83 (2006.01) C11D 11/00 (2006.01) C11D 17/06 (2006.01)**
[25] EN
[54] **MANUFACTURE OF HIGH ACTIVE DETERGENT PARTICLES**
[54] **FABRICATION DE PARTICULES DETERGENTES EXTREMEMENT ACTIVES**
[72] CHAMBERS, JOHN GEORGE, GB
[72] KENINGLEY, STEPHEN THOMAS, GB
[72] KYNASTON, STEVEN JAMES, GB
[72] OSLER, JONATHAN, GB
[72] WILSON, WILLIAM JOHN, GB
[73] UNILEVER PLC, GB
[85] 2011-10-24
[86] 2010-04-21 (PCT/EP2010/055256)
[87] (WO2010/122050)
[30] EP (09158718.8) 2009-04-24

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[51] **Int.Cl. F01B 29/12 (2006.01) F01L 35/04 (2006.01)**
[25] EN
[54] **METHOD AND APPARATUS FOR ACHIEVING HIGHER THERMAL EFFICIENCY IN A STEAM ENGINE OR STEAM EXPANDER**
[54] **PROCEDE ET APPAREIL CONCU POUR AMELIORER L'EFFICACITE THERMIQUE D'UN MOTEUR A VAPEUR OU D'UN DETENDEUR DE VAPEUR**
[72] PEOPLES, JERRY A., US
[72] HARMON, JAMES V., SR., US
[73] PEOPLES, JERRY A., US
[73] HARMON, JAMES V., SR., US
[86] (2760247)
[87] (2760247)
[22] 2011-12-02
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[54] **HEAD MOUNTED DISPLAY**
[54] **DISPOSITIF D'AFFICHAGE TETE HAUTE**
[72] SIMMONDS, MICHAEL DAVID, GB
[72] VALERA, MOHMED SALIM, GB
[73] BAE SYSTEMS PLC, GB
[85] 2011-10-28
[86] 2010-04-27 (PCT/GB2010/050683)
[87] (WO2010/125378)
[30] GB (0907345.3) 2009-04-29
[30] EP (09275031.4) 2009-04-29

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[13] C
[51] **Int.Cl. F41B 15/02 (2006.01) F41B 15/04 (2006.01)**
[25] EN
[54] **MULTI-STIMULUS PERSONAL DEFENSE DEVICE**
[54] **DISPOSITIF DE DEFENSE PERSONNEL A STIMULI MULTIPLES**
[72] STETHEM, KENNETH J., US
[73] AEGIS INDUSTRIES, INC., US
[85] 2011-10-28
[86] 2010-04-30 (PCT/US2010/033185)
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[25] EN
[54] **PRACTICAL METHOD FOR UPGRADING EXISTING GNSS USER EQUIPMENT WITH TIGHTLY INTEGRATED NAV-COM CAPABILITY**
[54] **PROCEDE PRATIQUE DE MISE A NIVEAU D'UN EQUIPEMENT UTILISATEUR GNSS AVEC UNE CAPACITE NAV-COM ETROITEMENT INTEGREE**
[72] COHEN, CLARK E., US
[72] HUMPHREYS, TODD E., US
[72] LEDVINA, BRENT M., US
[72] BENCZE, WILLIAM J., US
[72] PSIAKI, MARK L., US
[72] GALUSHA, BRYAN T., US
[73] COHERENT NAVIGATION, INC., US
[85] 2011-11-01
[86] 2010-04-30 (PCT/US2010/001274)
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[51] **Int.Cl. A61M 5/145 (2006.01) A61M 5/00 (2006.01)**
[25] EN
[54] **MEDICAL FLUID DELIVERY SYSTEM WITH REUSABLE RFID FIXTURE**
[54] **SYSTEME D'ADMINISTRATION DE FLUIDE MEDICAL AVEC APPAREIL D'IDENTIFICATION RADIOFREQUENCE REUTILISABLE**
[72] BRUCE, JOHN K., US
[72] GIBSON, CHAD M., US
[72] STROBL, GEOFFREY S., US
[73] LIEBEL-FLARSHEIM COMPANY LLC, US
[85] 2011-10-06
[86] 2010-04-05 (PCT/US2010/029888)
[87] (WO2010/117918)
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[51] **Int.Cl. E04B 1/66 (2006.01) A47K 3/00 (2006.01) A47K 3/40 (2006.01) E04F 19/02 (2006.01) F16B 5/00 (2006.01) F16J 15/06 (2006.01)**
[25] EN
[54] **WATERPROOF JUNCTURE**
[54] **EMBOITURE ETANCHE A L'EAU**
[72] COOK, JOSEPH R., US
[73] COOK, JOSEPH R., US
[85] 2011-11-07
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[87] (WO2010/129043)
[30] US (12/435,959) 2009-05-05

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[51] **Int.Cl. G01R 11/63 (2006.01) G01R 1/04 (2006.01)**
[25] EN
[54] **POWER MONITORING SYSTEM**
[54] **SYSTEME DE SURVEILLANCE D'ALIMENTATION**
[72] GELONESE, GUISEPPE ANTONIO, AU
[73] EMBER TECHNOLOGIES PTY LTD, AU
[85] 2011-11-09
[86] 2010-06-03 (PCT/AU2010/000691)
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[51] **Int.Cl. G06T 5/40 (2006.01)**
[25] EN
[54] **AUTO-SCALING OF PARAMETRIC IMAGES**
[54] **MISE A L'ECHELLE AUTOMATIQUE D'IMAGES PARAMETRIQUES**
[72] ARDITI, MARCEL, CH
[72] MERCIER, LAURENT, CH
[72] ROGNIN, NICOLAS, CH
[72] FRINKING, PETER, CH
[72] ALLEMANN, ERIC, CH
[73] BRACCO SUISSE S.A., CH
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[25] EN
[54] **TWO-DIMENSIONAL AND THREE-DIMENSIONAL POSITION SENSING SYSTEMS AND SENSORS THEREFOR**
[54] **SYSTEMES DE DETECTION DE POSITION A DEUX ET TROIS DIMENSIONS ET CAPTEURS POUR CEUX-CI**
[72] CLARKE, JONATHAN, CA
[72] MCFADYEN, STEPHEN, CA
[72] UTUKURI, AVANINDRA, CA
[73] BAANTO INTERNATIONAL LTD., CA
[85] 2011-12-16
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[30] US (61/187,653) 2009-06-16

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[25] EN
[54] **A METHOD OF REGENERATING A CARBON DIOXIDE ABSORBENT AND A CARBON DIOXIDE LIQUID ABSORBENT REGENERATOR**
[54] **UNE METHODE DE REGENERATION D'UN ABSORBANT DE DIOXYDE DE CARBONE ET UN REGENERATEUR D'ABSORBANT DE DIOXYDE DE CARBONE**
[72] WOODHOUSE, SIMON, NO
[72] BADE, OTTO MORTEN, NO
[72] HAALAND, ANNE-HELENE, NO
[72] GORSET, ODDVAR, NO
[72] BERG, BJøRN MAGNUS, NO
[73] AKER CLEAN CARBON AS, NO
[85] 2011-11-16
[86] 2010-06-09 (PCT/EP2010/058069)
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[30] NO (20092229) 2009-06-09

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[51] **Int.Cl. C10J 3/22 (2006.01) F16K 1/12 (2006.01)**
[25] EN
[54] **DEVICE FOR INFLUENCING THE FLOW IN A CONNECTING PIPE OF A COAL GASIFICATION REACTOR/GAS COOLER**
[54] **DISPOSITIF POUR INFLUENCER L'ECOULEMENT DANS UN TUBE DE RACCORDEMENT ENTRE UN REACTEUR DE GAZEIFICATION DU CHARBON ET UN REFROIDISSEUR DE GAZ**
[72] KUSKE, EBERHARD, DE
[72] SEMRAU, LOTHAR, DE
[73] THYSSENKRUPP UHDE GMBH, DE
[85] 2011-11-18
[86] 2010-04-21 (PCT/EP2010/002417)
[87] (WO2010/133281)
[30] DE (10 2009 022 186.7) 2009-05-20

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[51] **Int.Cl. G01V 3/08 (2006.01) G01R 33/06 (2006.01) G06F 1/32 (2006.01) H04W 88/02 (2009.01) G06F 15/02 (2006.01)**
[25] EN
[54] **ELECTRONIC DEVICE HAVING AN ELECTRONIC COMPASS ADAPTED TO DETECT WHEN THE DEVICE IS IN A HOLSTER**
[54] **DISPOSITIF ELECTRONIQUE MUNI D'UNE BOUSSOLE ELECTRONIQUE CONCUE POUR DE DETECTER SI L'APPAREIL SE TROUVE DANS UN ETUI**
[72] PERTUIT, MICHAEL JOSEPH, US
[72] FILES, JACE WILLIAM, US
[72] HOLBEIN, MARC, CA
[73] BLACKBERRY LIMITED, CA
[86] (2762704)
[87] (2762704)
[22] 2011-12-22
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[25] EN
[54] **METHOD AND SYSTEM FOR CONFIGURING CRUDE OIL DISPLACEMENT SYSTEM**
[54] **PROCEDE ET SYSTEME DE CONFIGURATION DE SYSTEME DE DEPLACEMENT DE PETROLE BRUT**
[72] COLLINS, IAN RALPH, GB
[72] HOUSTON, STEPHANIE JANE, GB
[72] WEBB, KEVIN JOHN, GB
[73] BP EXPLORATION OPERATING COMPANY LIMITED, GB
[85] 2011-11-29
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[51] **Int.Cl. C11D 9/50 (2006.01) C11D 3/48 (2006.01)**
[25] EN
[54] **ANTIMICROBIAL COMPOSITIONS**
[54] **COMPOSITIONS ANTIMICROBIENNES**
[72] MACINGA, DAVID, US
[72] HARTZELL, KRISTIN, US
[72] DOBOS, KELLY, US
[72] QUEZADA, CAROL, US
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[54] **COMPOSITIONS DE TEINTURE DESSECHEES PAR PULVERISATION, PROCEDES DE PRODUCTION ET D'UTILISATION ASSOCIES**
[72] LISCHEWSKI, VOLKER, DE
[72] ROTH, CHRISTOPH, DE
[72] FELICETTI, MICHAEL, DE
[72] SCHWAGER, KATRIN, DE
[73] SENSIENT IMAGING TECHNOLOGIES GMBH, DE
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[72] STEENWYK, MEREDITH MARIE, US
[72] COXON, DANNY WELDON, US
[72] STREYLE, JOHN JAY, US
[73] GENERAL ELECTRIC COMPANY, US
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[72] FLEUTE-SCHLACHTER, INGO, DE
[72] BUSCH, STEFAN, DE
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[54] **PAINT COATING SYSTEM AND METHOD OF PRODUCING MULTILAYERED PAINT COATING**
[54] **SYSTEME DE REVETEMENT DE PEINTURE ET PROCEDE DE PRODUCTION DE REVETEMENT DE PEINTURE MULTICOUCHE**
[72] OHRBOM, WALTER H., US
[72] MENOVCIK, GREGORY G., US
[72] MORMILE, PATRICK J., US
[72] CAMPBELL, DONALD H., US
[72] CRANFILL, DAVID, US
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[54] **PLASTIC PIPE WITH BELL**
[54] **TUYAU EN PLASTIQUE AVEC EMBOITEMENT**
[72] TOLIVER, TIMOTHY, US
[72] KIME, TONY, CA
[72] KOSSNER, HUBERT, DE
[73] ADVANCED PIPE SERVICES, LLC, US
[73] PROFILEPIPE MACHINERY INC., CA
[73] UNICOR GMBH, DE
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[54] **TRAITEMENT DE LIQUIDE CONTENANT DES CONTAMINANTS HUILEUX**
[72] BROWN, NIGEL WILLIS, GB
[72] ROBERTS, EDWARD, P.L., GB
[73] ARVIA TECHNOLOGY LIMITED, GB
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[54] **SYSTEME D'INJECTION POUR LA DELIVRANCE DE PLUSIEURS FLUIDES DANS L'ANATOMIE**
[72] PATRICK, TIMOTHY, US
[72] KNOSTMAN, RICHARD, US
[72] AXELROD, MICHAEL, US
[72] RAMEY, CARRIBETH, US
[73] CARTICEPT MEDICAL, INC., US
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[54] **PACKAGED ANTIMICROBIAL MEDICAL DEVICE HAVING IMPROVED SHELF LIFE AND METHOD OF PREPARING SAME**
[54] **DISPOSITIF MEDICAL ANTIMICROBIEN EMBALLE AYANT UNE DUREE DE CONSERVATION AMELIOREE ET SON PROCEDE DE PREPARATION**
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[72] SCALZO, HOWARD, US
[72] POKROPINSKI, HENRY, JR., US
[73] ETHICON, INC., US
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[54] **AERODYNAMIC GARMENT WITH APPLIED SURFACE ROUGHNESS AND METHOD OF MANUFACTURE**
[54] **VETEMENT AERODYNAMIQUE AVEC RUGOSITE DE SURFACE APPLIQUEE ET SON PROCEDE DE FABRICATION**
[72] NORDSTROM, MATTHEW D., US
[72] CARBO, JORGE E., JR., US
[72] BROWNLIE, LEONARD W., US
[73] NIKE INNOVATE C.V., US
[85] 2011-12-23
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[54] **NOVEL (6-OXO-1, 6-DIHYDRO-PYRIMIDIN-2-YL)-AMIDE DERIVATIVES, PREPARATION THEREOF, AND PHARMACEUTICAL USE THEREOF AS AKT(PKB) PHOSPHORYLATION INHIBITORS**
[54] **NOUVEAUX DERIVES DE (6-OXO-1,6-DIHYDRO-PYRIMIDIN-2-YL)-AMIDE, LEUR PREPARATION ET LEUR UTILISATION PHARMACEUTIQUE COMME INHIBITEURS DE PHOSPHORYLATION D'AKT(PKB)**
[72] CARRY, JEAN-CHRISTOPHE, FR
[72] CERTAL, VICTOR, FR
[72] HALLEY, FRANK, FR
[72] KARLSSON, KARL ANDREAS, FR
[72] SCHIO, LAURENT, FR
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[54] **SYSTEMS, COMPONENTS AND RELATED METHODS**
[54] **SYSTEMES, COMPOSANTS ET PROCEDES ASSOCIES**
[72] SVENSRUD, CHRIS, US
[73] NOOK SLEEP SYSTEMS, LLC, US
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[54] **METHODS AND SYSTEMS FOR PROVIDING A SUBSTANTIALLY QUADRUPOLE FIELD WITH A HIGHER ORDER COMPONENT**
[54] **PROCEDES ET SYSTEMES DESTINES A PROCURER UN CHAMP SENSIBLEMENT QUADRIPOLE AVEC UN COMPOSANT D'ORDRE SUPERIEUR**
[72] GUNA, MIRCEA, CA
[73] DH TECHNOLOGIES DEVELOPMENT PTE. LTD., SG
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[54] **COMBINATION THERAPY FOR THE TREATMENT OF DIABETES**
[54] **POLYTHERAPIE POUR LE TRAITEMENT DU DIABETE**
[72] LIANG, YIN, US
[72] RYAN, JOHN, US
[72] WOLDU, ABRAHAM B., US
[72] WU, LISA E., US
[73] JANSSEN PHARMACEUTICA NV, BE
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[54] **PROCEDE ET SYSTEME POUR DES APPLICATIONS DE FAISCEAU D'ELECTRONS**
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[72] KRECHETOV, ALEXANDRE S., US
[73] INTRAOP MEDICAL CORPORATION, US
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[54] **FILTER HOLDING FRAME WITH ADJUSTABLE CLAMPING MECHANISM AND SLOT FOR PRE-FILTER**
[54] **CADRE DE FIXATION POUR FILTRE AVEC MECANISME DE SERRAGE REGLABLE ET FENTE POUR LE PREFILTRE**
[72] WOOLARD, KEITH G., US
[73] CAMFIL USA, INC., US
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[72] ROGNIN, NICOLAS, CH
[72] ARDITI, MARCEL, CH
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[54] **COMPOSITIONS PESTICIDES**
[72] BROWN, ANNETTE V., US
[72] CROUSE, GARY D., US
[72] SPARKS, THOMAS C., US
[72] MCLEOD, CASANDRA, US
[72] RIGSBEE, EMILY, US
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[54] **PHARMACEUTICAL COMPOSITIONS FOR THE TREATMENT OF CANCER AND OTHER DISEASES OR DISORDERS**
[54] **COMPOSITIONS PHARMACEUTIQUES UTILISABLES DANS LE CADRE DU TRAITEMENT DU CANCER ET D'AUTRES MALADIES OU AFFECTIONS**
[72] RAMANAN, VIJAYALAKSHMI, US
[72] TOBIAS, IRENE SOPHIE, US
[72] VERWIJS, DAUNTEL SPECHT, US
[72] SKWIERCZYNSKI, RAYMOND D., US
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[54] **SYSTEMES DE COMMUNICATION SANS FIL UTILISANT DES CAPTEURS ET UN ECHANTILLONNAGE COMPRESSIF**
[72] SEXTON, THOMAS ALOYSIUS, US
[72] DEVRIES, CHRISTOPHER, CA
[73] BLACKBERRY LIMITED, CA
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[54] **MESO-SIZED CAPSULES USEFUL FOR THE DELIVERY OF AGRICULTURAL CHEMICALS**
[54] **CAPSULES DE TAILLE MOYENNE UTILES POUR L'APPLICATION DE PRODUITS CHIMIQUES AGRICOLES**
[72] EHR, ROBERT, US
[72] KALANTAR, THOMAS, US
[72] LIU, LEI, US
[72] SCHMIDT, DALE, US
[72] YAU, KERRM, US
[72] ZHANG, QIANG, US
[72] ZHAO, MIN, US
[72] TOLLEY, MICHAEL P., US
[73] DOW AGROSCIENCES LLC, US
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[54] **DOOR FACING ALIGNMENT ASSEMBLY AND METHOD OF FORMING A DOOR**
[54] **ENSEMBLE D'ALIGNEMENT DE DOUBLURE DE PORTE ET PROCEDE DE FORMATION D'UNE PORTE**
[72] THOMPSON, DOUGLAS, US
[72] WALSH, JASON, US
[73] MASONITE CORPORATION, US
[85] 2012-02-10
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[54] **SOUPAPE D'ARRET D'ECOULEMENT**
[72] SWIETLIK, GEORGE, GB
[72] LARGE, ROBERT, GB
[72] MORRIS, RYAN PETER, GB
[73] PILOT DRILLING CONTROL LIMITED, GB
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[54] **DISPENSER**
[54] **DISTRIBUTEUR**
[72] BLANSIT, JEFFREY ALAN, US
[72] CARBONE, HENRY LOUIS, II, US
[72] DAHLGREN, ARON DAVID, US
[72] PANNKUK, WARREN DALE, US
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[54] **DETECTEURS D'OCCLUSION A REFLEXION INFRAROUGE**
[72] CUMMINGS, DAVID CHARLES, US
[72] NELSON, ANDREW PETER, US
[72] MEYER, RUSSELL PAUL, US
[73] NESTEC S.A., CH
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[54] **SYSTEMS AND METHODS FOR CUSTOMER CONTACT**
[54] **SYSTEMES ET PROCEDES PERMETTANT UN CONTACT CLIENT**
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[72] DASHE, JEREMY A., US
[72] JUDKINS, BROCK A., US
[72] KAUFMAN, DONALD L., US
[72] LIN, YUNG-CHUN, US
[72] SHARPE, RAYMOND P., JR., US
[72] SULLIVAN, JOSEPH D., US
[72] WEILAND, THOMAS J., US
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[73] AMAZON TECHNOLOGIES, INC., US
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[54] **COMMUTATEUR DE TRANSFERT POUR LA COMMUTATION AUTOMATIQUE ENTRE UNE SOURCE D'ENERGIE ALTERNATIVE ET UN RESEAU ELECTRIQUE**
[72] CZARNECKI, NEIL A., US
[73] RELIANCE CONTROLS CORPORATION, US
[86] (2771760)
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[30] US (61/477,399) 2011-04-20
[30] US (13/350,964) 2012-01-16

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[25] EN
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[54] **FUSARIUM ET BIOCONTROLE DE MYCOTOXINE DE FUSARIUM**
[72] VUJANOVIC, VLADIMIR, CA
[73] UNIVERSITY OF SASKATCHEWAN, CA
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[25] FR
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[54] **SUBSTRAT MUNI D'UN EMPILEMENT A PROPRIETES THERMIQUES, EN PARTICULIER POUR REALISER UN VITRAGE CHAUFFANT**
[72] LAURENT, STEPHANE, FR
[72] DRESE, ROBERT, DE
[72] BILLERT, ULRICH, FR
[73] SAINT-GOBAIN GLASS FRANCE, FR
[85] 2012-02-16
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[54] **BIFIDOBACTERIUM LONGUM AND FUNCTIONAL GI DISORDERS**
[54] **BIFIDOBACTERIUM LONGUM ET TROUBLES GASTRO-INTESTINAUX FONCTIONNELS**
[72] MCLEAN, PETER, CH
[72] BERGONZELLI DE GONDA, GABRIELA, CH
[72] COLLINS, STEPHEN MICHAEL, CA
[72] BERCIK, PREMYSL, CA
[72] VERDU DE BERCIK, ELENA, CA
[73] NESTEC S.A., CH
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[30] EP (09168590.9) 2009-08-25

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[25] EN
[54] **CASSETTE WITH INFUSION SET CONTAINING SPRING-BIASED ANTI-FREEFLOW MECHANISM FOR PERISTALTIC INFUSION PUMP**
[54] **CASSETTE A ENSEMBLE DE PERFUSION CONTENANT UN MECANISME ANTI-ECOULEMENT LIBRE SOLLICITE PAR UN RESSORT UTILISEE DANS UNE POMPE A PERFUSION PERISTALTIQUE**
[72] HARIHARESAN, SERALAATHAN, US
[72] HIGGINS, JAMES ALLEN, US
[72] WEST, DAVID WOODRUFF, US
[73] NESTEC S.A., CH
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[54] **METHOD AND APPARATUS FOR POSITIONING IN-WALL POWER**
[54] **APPAREILLAGE ET METHODE DE MISE EN POSITION DE PRISES D'ALIMENTATION MURALES**
[72] DECOSTA, THOMAS J., US
[73] DECOSTA, THOMAS J., US
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[87] (2773290)
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[54] **METHOD FOR SHARING AN INTERNAL STORAGE OF A PORTABLE ELECTRONIC DEVICE ON A HOST ELECTRONIC DEVICE AND AN ELECTRONIC DEVICE CONFIGURED FOR SAME**
[54] **METHODE DE PARTAGE DU STOCKAGE INTERNE D'UN APPAREIL ELECTRONIQUE PORTABLE SUR UN APPAREIL ELECTRONIQUE HOTE, ET APPAREIL ELECTRONIQUE CONFIGURE A CETTE FIN**
[72] TYHURST, TIMOTHY RICHARD, CA
[72] WILLIS, EDWARD SNOW, CA
[72] DOS SANTOS, GEORGE, CA
[72] SCHMIDERER, MICHEL THEODOR, CA
[72] SLACK, BRANDON DEAN, CA
[73] BLACKBERRY LIMITED, CA
[86] (2773484)
[87] (2773484)
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[25] EN
[54] **PACKAGE AND DEVICE FOR MANUAL ROLLING OF CIGARETTES**
[54] **EMBALLAGE ET DISPOSITIF POUR ROULER MANUELLEMENT DES CIGARETTES**
[72] STARIC, JURE, SI
[72] PIVK, ANZE, SI
[72] NAHTIGAL, ZIGA, SI
[73] ZIGGI PROIZVODNJA IN TRGOVINA D.O.O., SI
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[54] **LACTOBACILLUS PLANTARUM STRAINS AS HYPOCHOLESTEROLEMIC AGENTS**
[54] **SOUCHES DE LACTOBACILLUS PLANTARUM CONVENANT COMME HYPOCHOLESTEROLEMIANTS**
[72] CUNE CASTELLANA, JORDI, ES
[73] AB-BIOTICS S.A., ES
[85] 2012-03-19
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[51] **Int.Cl. C04B 18/02 (2006.01) C04B 28/02 (2006.01)**
[25] EN
[54] **PRODUCTION OF CEMENT ADDITIVES FROM COMBUSTION PRODUCTS OF HYDROCARBON FUELS AND STRENGTH ENHANCING METAL OXIDES**
[54] **PRODUCTION D'ADDITIFS POUR CIMENT A PARTIR DE PRODUITS DE COMBUSTION DE COMBUSTIBLES HYDROCARBONES ET D'OXYDES METALLIQUES AUGMENTANT LA RESISTANCE**
[72] FRIED, WAYNE, US
[73] ASH IMPROVEMENT TECHNOLOGY, INC., US
[85] 2012-03-19
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[54] **METHOD AND SYSTEM FOR SPECTRAL IMAGE CELESTIAL NAVIGATION**
[54] **PROCEDE ET SYSTEME DE NAVIGATION ASTRONOMIQUE PAR IMAGES SPECTRALES**
[72] BRACE, TERRELL MICHAEL, US
[73] GE AVIATION SYSTEMS LLC, US
[85] 2012-03-22
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[54] **HYDRODYNAMIC PULSE TOOL**
[54] **OUTIL HYDRODYNAMIQUE A PULSION**
[72] GROVES, WILLIAM EMIL, CA
[73] 1636138 ALBERTA LTD., CA
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[54] **SOUND PROOFING MATERIAL WITH IMPROVED DAMPING AND STRUCTURAL INTEGRITY**
[54] **MATERIAU D'INSONORISATION PRESENTANT UNE INTEGRITE STRUCTURELLE ET D'AMORTISSEMENT AMELIOREE**
[72] TINIANOV, BRANDON D., US
[73] PACIFIC COAST BUILDING PRODUCTS, INC., US
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[73] SIS MEDICAL AG, CH
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[54] **METHOD FOR THE PREPARATION OF A CRYSTALLINE FORM OF 1-CHLORO-4-(BETA-D-GLUCOPYRANOS-1-YL)-2-(4-((S)-TETRAHYDROFURAN-3-YLOXY)BENZYL)BENZENE**
[54] **PROCEDE DE PREPARATION D'UNE FORME CRISTALLINE DE 1-CHLORO-4-(BETA-D-GLUUCOPYRANOS-1-YL)-2-[4-((S)-TETRAHYDROFURAN-3-YLOXY)-BENZYL]-BENZENE**
[72] WEBER, DIRK, DE
[72] RENNER, SVENJA, DE
[72] FIEDLER, TOBIAS, DE
[72] ORLICH, SIMONE, DE
[73] BOEHRINGER INGELHEIM INTERNATIONAL GMBH, DE
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[54] **SAFETY DEVICE FOR A MOVABLE BARRIER**
[54] **DISPOSITIF DE SECURITE POUR BARRIERE MOBILE**
[72] HABA, CHARLES A., US
[72] LEECH, SHAWN P., US
[73] OVERHEAD DOOR CORPORATION, US
[86] (2776107)
[87] (2776107)
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[54] **A MULTIPHASE JELLIFIED BEVERAGE COMPOSITION**
[54] **COMPOSITION POUR BOISSON GELIFIEE A PLUSIEURS PHASES**
[72] BISSON, JEAN-PIERRE, FR
[72] DELORT, JEAN-MARC, CH
[72] MARCOUT, ANNE, FR
[73] NESTEC S.A., CH
[85] 2012-03-30
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[54] **THERAPEUTIC USES OF PHARMACEUTICAL COMPOSITIONS**
[54] **UTILISATIONS THERAPEUTIQUES DE COMPOSITIONS PHARMACEUTIQUES**
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[73] BOEHRINGER INGELHEIM INTERNATIONAL GMBH, DE
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[25] EN
[54] **DENTAL DEVICE ADAPTER SYSTEM, DENTAL SYSTEM, AND METHOD OF OPERATING A DENTAL SYSTEM**
[54] **SYSTEME D'ADAPTATEUR DE DISPOSITIF DENTAIRE, SYSTEME DENTAIRE ET PROCEDE D'ACTIONNEMENT D'UN SYSTEME DENTAIRE**
[72] CHRONISTER, BENJAMIN, US
[72] KILE, JEREMY, US
[73] DENTSPLY INTERNATIONAL INC., US
[85] 2012-04-02
[86] 2010-10-01 (PCT/US2010/051055)
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[54] **SCREEN DEVICE**
[54] **APPAREIL PARAVENT**
[72] OKACHI, YASUBUMI, JP
[72] WATANABE, MITSUHARU, JP
[73] METACO INC., JP
[85] 2012-04-05
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[54] **SCREEN DEVICE**
[54] **APPAREIL PARAVENT**
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[72] WATANABE, MITSUHARU, JP
[73] METACO INC., JP
[85] 2012-04-05
[86] 2010-10-07 (PCT/JP2010/067684)
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[54] **HOMOGENIZATION OF MARTENSITIC STAINLESS STEEL AFTER REMELTING UNDER A LAYER OF SLAG**
[54] **HOMOGENEISATION D'ACIERS MARTENSITIQUES INOXYDABLES APRES REFUSION SOUS LAITIER**
[72] FERRER, LAURENT, FR
[72] PHILIPSON, PATRICK, FR
[73] SNECMA, FR
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[54] **INCREASED EFFICIENCY STRAINER SYSTEM**
[54] **SYSTEME DE FILTRATION A RENDEMENT ACCRU**
[72] KIELBOWICZ, STANISLAW, CH
[72] PRATHER, CARL W., US
[73] CONTROL COMPONENTS, INC., US
[85] 2012-04-05
[86] 2010-09-30 (PCT/US2010/051005)
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[51] **Int.Cl. G07C 5/00 (2006.01) B60R 16/023 (2006.01) G07C 5/08 (2006.01)**
[25] FR
[54] **ELECTRONIC MONITORING SYSTEM ENABLING THE CALCULATION OF ACTUAL FUEL CONSUMPTION AND CO2 EMISSIONS FOR A MOVING, STOPPED OR OPERATIONAL AIRCRAFT, WITH OR WITHOUT FUEL THEFT EXCLUSION**
[54] **SYSTEME ELECTRONIQUE DE SURVEILLANCE PERMETTANT UN CALCUL DE CONSOMMATIONS DE CARBURANT ET D'EMISSIONS DE CO2 REELLES POUR UN APPAREIL EN MOUVEMENT, A L'ARRET, EN TRAVAIL, AVEC EXCLUSION OU PAS DE VOLS DE CARBURANT**
[72] ELKAIEM, ERIC, FR
[72] HEINRY, SYLVAIN, FR
[73] ADD, FR
[85] 2012-04-10
[86] 2010-10-20 (PCT/FR2010/052238)
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[54] **SYSTEM AND METHOD FOR DISPLAYING RUNWAYS AND TERRAIN IN SYNTHETIC VISION SYSTEMS**
[54] **SYSTEME ET PROCEDE POUR AFFICHER DES PISTES D'ENVOL ET D'ATTERRISSAGE ET UN TERRAIN DANS DES SYSTEMES DE VISION SYNTHETIQUE**
[72] PAINTER, BRETT, US
[72] SEABLOOM, JOSHUA, US
[73] L-3 COMMUNICATIONS AVIONICS SYSTEMS, INC., US
[85] 2012-04-12
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[87] (WO2011/053552)
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[54] **VENTED BEVERAGE CAN END**
[54] **EXTREMITE DE CANETTE DE BOISSON MISE A L'AIR LIBRE**
[72] NESLING, EMILY, GB
[72] JOHNSON, EZEKIEL, US
[72] KEANE, BRENDAN, US
[72] DVORAK, JAN, US
[73] CROWN PACKAGING TECHNOLOGY, INC., US
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[30] US (61/256,609) 2009-10-30

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[25] EN
[54] **DONEPEZIL-CONTAINING TRANSDERMAL ABSORPTION FORMULATION**
[54] **FORMULE D'ABSORPTION TRANSDERMIQUE CONTENANT DU DONEPEZIL**
[72] KAWAKAMI, SATOSHI, JP
[72] YAMAJI, MASAHIRO, JP
[73] TEIKOKU SEIYAKU CO., LTD., JP
[85] 2012-04-17
[86] 2010-10-18 (PCT/JP2010/068260)
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[25] EN
[54] **ELECTROMAGNETIC HAZARD PROTECTOR FOR COMPOSITE MATERIALS**
[54] **DISPOSITIF DE PROTECTION CONTRE DES RISQUES ELECTROMAGNETIQUES POUR MATERIAUX COMPOSITES**
[72] FISSET, EMILIE, GB
[72] ELLIS, JOHN, GB
[72] MACKENZIE, PAUL, GB
[73] HEXCEL COMPOSITES LIMITED, GB
[85] 2012-04-20
[86] 2010-10-19 (PCT/GB2010/051758)
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[54] **METHOD FOR NATIVE LIGATION OF POLYPEPTIDES**
[54] **PROCEDE DE LIGATION NATIVE DE POLYPEPTIDES**
[72] MHIDIA, REDA, FR
[72] DHEUR, JULIEN, FR
[72] OLLIVIER, NATHALIE, FR
[72] MELNYK, OLEG, FR
[73] INSTITUT PASTEUR DE LILLE, FR
[73] CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE (CNRS), FR
[73] UNIVERSITE LILLE 2-DROIT ET SANTE, FR
[73] UNIVERSITE DE LILLE 1, SCIENCES ET TECHNOLOGIES, FR
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[30] FR (09 57639) 2009-10-29

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[51] **Int.Cl. B62D 21/14 (2006.01) B62D 23/00 (2006.01) B62D 25/20 (2006.01) B62D 65/02 (2006.01)**
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[54] **VEHICLE FRAME ASSEMBLY, SYSTEM AND METHOD**
[54] **ENSEMBLE CHASSIS DE VEHICULE, SYSTEME ET PROCEDE ASSOCIES**
[72] BOETTCHER, ERIC, US
[72] AUGUSTINE, ROBB, US
[72] PHILIP, CEBY, US
[73] HONDA MOTOR CO., LTD., JP
[85] 2012-04-24
[86] 2010-11-04 (PCT/US2010/055434)
[87] (WO2011/056962)
[30] US (12/614,196) 2009-11-06
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[54] **TEST PRESSURISATION DEVICE FOR HOSE**
[54] **DISPOSITIF DE PRESSURISATION D'ESSAI POUR UN TUYAU**
[72] FRITJOFSSON, PER-ARNE, SE
[72] AHLEN, ANDERS, SE
[73] ALLGOTECH AB, SE
[85] 2012-04-30
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[25] EN
[54] **SOCIAL BROWSING**
[54] **NAVIGATION SOCIALE**
[72] KICIMAN, EMRE MEHMET, US
[72] KAZAN, WISSAM, US
[72] WANG, CHUN-KAI, US
[72] HOFF, AARON C., US
[72] NARANJO, FELIPE LUIS, US
[72] PENOV, FRANCISLAV P., US
[73] MICROSOFT TECHNOLOGY LICENSING, LLC, US
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[25] EN
[54] **UTILIZATION OF AMORPHOUS STEEL SHEETS IN HONEYCOMB STRUCTURES**
[54] **UTILISATION DE FEUILLES D'ACIER AMORPHES DANS DES STRUCTURES EN NID D'ABEILLE**
[72] BRANAGAN, DANIEL JAMES, US
[72] ZHOU, JIKOU, US
[72] MEACHAM, BRIAN E., US
[72] WALLESER, JASON K., US
[72] SERGUEEVA, ALLA V., US
[73] THE NANOSTEEL COMPANY, INC., US
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[25] EN
[54] **APPARATUS FOR PROVIDING POWER TO A MULTIPOLE IN A MASS SPECTROMETER**
[54] **APPAREIL DESTINE A L'ALIMENTATION EN PUISSANCE D'UN MULTIPOLE DANS UN SPECTROMETRE DE MASSE**
[72] VANDERMEY, JOHN, CA
[73] DH TECHNOLOGIES DEVELOPMENT PTE. LTD., SG
[85] 2012-05-03
[86] 2010-11-15 (PCT/CA2010/001826)
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[54] **COMPOSITION PHARMACEUTIQUE POUR LE TRAITEMENT DES TROUBLES DE LA VESSIE**
[72] LOVASZ, SANDOR, HU
[72] FURKA, BEATA, HU
[72] SZEKELY, AKOSNE, HU
[72] FORRAI, GABORNE, HU
[72] RODENNE JUHASZ, MARIA, HU
[72] SENYI, LAJOS, HU
[73] RICHTER GEDEON NYRT., HU
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[30] HU (P09 00717) 2009-11-18

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[51] **Int.Cl. A61M 16/08 (2006.01)**
[25] EN
[54] **HEATED CONDUIT FOR RESPIRATORY HUMIDIFICATION**
[54] **CONDUITE CHAUFFEE POUR HUMIDIFICATION RESPIRATOIRE**
[72] KORNEFF, NEIL ALEX, US
[72] WILDAY, REBECCA ANN, US
[73] CAREFUSION 2200, INC., US
[85] 2012-05-10
[86] 2010-10-12 (PCT/US2010/052339)
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[25] EN
[54] **FLOAT VALVE SYSTEM FOR A RESPIRATORY HUMIDIFICATION SYSTEM**
[54] **SYSTEME DE SOUPAPE A FLOTTEUR POUR SYSTEME D'HUMIDIFICATION RESPIRATOIRE**
[72] ZOLLINGER, CHRISTOPHER JESSE, US
[73] CAREFUSION 2200, INC., US
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[73] SIEBTE PMI VERWALTUNGS GMBH, DE
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[54] **METHOD FOR PREVENTING THE CRYSTALLISATION OF PHARMACEUTICALS IN A POLYMER FILM**
[54] **PROCEDE POUR EMPECHER LA CRISTALLISATION DE SUBSTANCES PHARMACEUTIQUES DANS UN FILM POLYMERE**
[72] LEONHARD, JOHANNES JOSEF, DE
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[54] **COLORANTS DE TEINTE BLEUE NATURELLE ET LEURS PROCEDES DE FABRICATION ET D'UTILISATION**
[72] MYERS, GALE D., US
[72] JELAVICH, MICHAEL C., US
[72] OTTO, LEO H., US
[72] PLODZIEN, JEFFREY R., US
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[54] **TECHNIQUES VISANT A COMPENSER LE MOUVEMENT D'UNE CIBLE DE TRAITEMENT D'UN PATIENT**
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[72] ZHANG, HAO, US
[72] MALINOWSKI, KATHLEEN, US
[73] UNIVERSITY OF MARYLAND, BALTIMORE, US
[73] UNIVERSITY OF MARYLAND, COLLEGE PARK, US
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[54] **ENSEMBLE DE RETENUE A ACCROCHAGE MECANIQUE POUR CAOUTCHOUC D'ETANCHEITE**
[72] JABRA, PAUL G., US
[73] COOPER-STANDARD AUTOMOTIVE INC., US
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[54] **SELS DE 4-[2-[[5-METHYL-1-(2-NAPHTALENYL)-1H-PYRAZOL-3-YL]OXY]ETHYL]MORPHOLINE**
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[54] **PROCEDE ET DISPOSITIF DE COMMANDE DE TURBINE SUR LA BASE DU RAPPORT TEMPERATURE D'ECHAPPEMENT/PRESSION DE TURBINE**
[72] BOTARELLI, CLAUDIO, IT
[73] NUOVO PIGNONE S.P.A., IT
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[54] **UNITE, AGENCEMENT ET PROCEDE DE CLASSAGE DE PATE A PAPIER**
[72] BERGDAHL, ANDERS, SE
[72] LINDKVIST, DAVID, SE
[73] VALMET TECHNOLOGIES, INC., FI
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[54] **CONTAINER HAVING A RELOCKABLE LID PROVIDED WITH A RESILIENT RING**
[54] **RECIPIENT PRESENTANT UN COUVERCLE REVERROUILLABLE POURVU D'UNE BAGUE RESILIENTE**
[72] KLOSS, UWE ERNST, DE
[72] HUBERT, MANFRED, DE
[73] ARDAGH MP GROUP NETHERLANDS B.V., NL
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[54] **SYSTEME DE BRULEUR ET PROCEDE PERMETTANT D'AUGMENTER L'EFFICACITE D'UN ECHANGEUR DE CHALEUR**
[72] ZETTNER, MICHAEL, IL
[73] TRIPLE E POWER LTD, IL
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[54] **FUNCTIONALISED MULTIARM POLYMERS COMPRISING FUNCTIONALISED POLYMERS SYNTHESISED THROUGH ANIONIC POLYMERISATION AND APPLICATIONS THEREOF**
[54] **POLYMERES A PLUSIEURS RAMIFICATIONS FONCTIONNALISES QUI COMPRENNENT DES POLYMERES FONCTIONNALISES SYNTHETISES PAR POLYMERISATION ANIONIQUE ET LEURS APPLICATIONS**
[72] CORONA GALVAN, SERGIO, ES
[72] POLO ABAD, RAFAEL, ES
[72] PARELLADA FERRER, MA DOLORES, ES
[72] ESQUIVEL DE LA GARZA, ALEJANDRO CLAUDIO, MX
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[54] **DISPOSITIF ET PROCEDE D'INHALATION**
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[72] BECKER, DANIEL P., US
[73] MICRODOSE THERAPEUTX, INC., US
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[54] **SYSTEME D'ACTIONNEMENT DE SOUPAPE RAPIDE POUR BOITE DE VITESSES AUTOMATIQUE**
[72] LONG, CHARLES F., US
[72] WEBER, DARREN J., US
[73] ALLISON TRANSMISSION, INC., US
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[54] **SYSTEM AND METHOD FOR DETECTING CLUTCH-RELATED FAULTS IN AN AUTOMATIC TRANSMISSION**
[54] **SYSTEME ET PROCEDE PERMETTANT DE DETECTER LES ANOMALIES LIEES A L'EMBRAYAGE DANS UNE BOITE DE VITESSES AUTOMATIQUE**
[72] LONG, CHARLES, F., US
[72] WEBER, DARREN, J., US
[72] FULLER, JOHN WILLIAM EDWARD, GB
[73] ALLISON TRANSMISSION, INC., US
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[54] **CONTENANT EN FORME DE BOITE DE CONSERVE AVEC COUCHE DE PROTECTION INTERIEURE**
[72] LE TALLUDEC, ALAIN, FR
[73] ARDAGH MP GROUP NETHERLANDS B.V., NL
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[54] **AERONEF COMPORTANT UN DEMARREUR-GENERATEUR ELECTRIQUE POUR LE OU CHAQUE TURBOREACTEUR ET UN TRAIN D'ATTERRISSAGE EQUIPE D'UN MOTEUR ELECTRIQUE DE MANOEUVRE AU SOL**
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[72] GODART, DIDIER FRANCOIS MARIE, FR
[73] LABINAL POWER SYSTEMS, FR
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[72] BLAKBORN, WILLEM, DE
[73] ROSENBERGER HOCHFREQUENZTECHNIK GMBH & CO. KG, DE
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[72] BOEKHOLTZ, EDO, DK
[72] GOEKHAN, UELGER, DE
[72] WAHRMANN, KLAUS, DE
[73] MAERSK OLIE OG GAS A/S, DK
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[54] **VEIN OCCLUSION DEVICES AND METHODS FOR CATHETER-BASED ABLATION**
[54] **DISPOSITIFS D'OCCLUSION VEINEUSE ET METHODES D'ABLATION A BASE DE CATHETER**
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[72] MIHALIK, TERESA A., CA
[73] MEDTRONIC CRYOCATH LP., CA
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[54] **COMPATIBILITE DE CAMERA DE PROFONDEUR**
[72] KATZ, SAGI, US
[72] ADLER, AVISHAI, US
[72] GILBOA, GUY, US
[73] MICROSOFT TECHNOLOGY LICENSING, LLC, US
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[54] **COMPATIBILITE DE CAMERA DE PROFONDEUR**
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[72] KATZ, SAGI, US
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[72] REICHERT, RICHARD ALLEN, JR., US
[73] OMG UK TECHNOLOGY LIMITED, GB
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[54] **PANNEAUX SANDWICHES**
[72] MORTIMER, STEVE, GB
[72] LEGOFF, EMILIE, GB
[72] GERMAIN, BERTRAND, FR
[72] CASALIGGI, CLEMENT, FR
[72] LASFARGUES, SARAH, FR
[73] HEXCEL COMPOSITES LIMITED, GB
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[54] **APPARATUS AND METHOD FOR EXTRACTING A DIRECT/AMBIENCE SIGNAL FROM A DOWNMIX SIGNAL AND SPATIAL PARAMETRIC INFORMATION**
[54] **APPAREIL ET PROCEDE D'EXTRACTION DE SIGNAL DIRECT/D'AMBIANCE D'UN SIGNAL DE MIXAGE REDUCTEUR ET D'INFORMATIONS PARAMETRIQUES SPATIALES**
[72] VILKAMO, JUHA, DE
[72] PLOGSTIES, JAN, DE
[72] NEUGEBAUER, BERNHARD, DE
[72] HERRE, JUERGEN, DE
[73] FRAUNHOFER-GESELLSCHAFT ZUR FOERDERUNG DER ANGEWANDTEN FORSCHUNG E.V., DE
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[54] **STRUCTURES TUILEES ET SUPPORTS POUR CELLES-CI**
[72] SCALISE, DAVID H., US
[73] SCALISE, DAVID H., US
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[54] **SYSTEMES DE CONTENANT AYANT COUVERCLES POUR DES COMPOSITIONS DETERGENTES EN DOSES UNITAIRES**
[72] KOPULOS, CHRISTOPHER ROBERT, US
[72] ANDRES, BRIAN DAVID, US
[73] THE PROCTER & GAMBLE COMPANY, US
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[54] **POLYMERES AUTO-ADAPTATIFS POUR FORMULATIONS D'ECRANS SOLAIRES ANHYDRES**
[72] BARRETT, CHRISTINE M., US
[72] FARES, HANI, US
[72] GUERRERO, RITA MARIE, US
[72] PRETTYPAUL, DONALD, US
[72] ROSS, TRACEY, US
[73] ISP INVESTMENTS INC., US
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[54] **SECONDARY STRUCTURE STABILIZED NMDA RECEPTOR MODULATORS AND USES THEREOF**
[54] **MODULATEURS DES RECEPTEURS NMDA A STRUCTURE SECONDAIRE STABILISEE ET LEURS UTILISATIONS**
[72] MOSKAL, JOSEPH, US
[72] KHAN, AMIN, US
[73] NORTHWESTERN UNIVERSITY, US
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[54] **PROCEDE POUR PRODUIRE UN PLACAGE**
[72] KLAEUSLER, OLIVER FREDERIK, CH
[72] WAGONER, GLENN L., US
[73] HD WOOD TECHNOLOGIES LIMITED, MT
[85] 2012-08-09
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[25] EN
[54] **OPTICAL SPECTROSCOPY DEVICE FOR NON-INVASIVE BLOOD GLUCOSE DETECTION AND ASSOCIATED METHOD OF USE**
[54] **DISPOSITIF DE SPECTROSCOPIE OPTIQUE POUR DETECTION NON INVASIVE DU GLUCOSE DANS LE SANG ET PROCEDE D'UTILISATION ASSOCIE**
[72] XU, ZHI, US
[73] ST. LOUIS MEDICAL DEVICES, INC., US
[85] 2012-08-13
[86] 2010-03-23 (PCT/US2010/028255)
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[54] **BRAF MUTATIONS CONFERRING RESISTANCE TO BRAF INHIBITORS**
[54] **MUTATIONS DE BRAF CONFERANT UNE RESISTANCE AUX INHIBITEURS DE BRAF**
[72] GARRAWAY, LEVI, US
[72] EMERY, CAROLINE, US
[73] DANA-FARBER CANCER INSTITUTE, INC., US
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[73] BIOTECHNOLOGY INSTITUTE, I MAS D, S.L., ES
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[72] PASQUERO, JEROME, CA
[72] GRIFFIN, JASON TYLER, CA
[72] REEVE, SCOTT DAVID, CA
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[54] **ALIMENTATION ELECTRIQUE DES EQUIPEMENTS PORTES PAR LE ROTOR D'UN MOTEUR D'AERONEF**
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[54] **PROCEDE DE DETERMINATION DE LA REPARTITION SPATIALE D'UN FLUIDE INJECTE DANS DES FORMATIONS ROCHEUSES SOUTERRAINES**
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[54] **DEVICES AND METHODS FOR IMPROVED DELIVERY OF VOLATILE LIQUIDS**
[54] **DISPOSITIFS ET PROCEDES POUR LA DISTRIBUTION AMELIOREE DE LIQUIDES VOLATILS**
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[72] MAROUSE, LOIC, GB
[72] WALSH, STEVE, GB
[73] RECKITT & COLMAN (OVERSEAS) LIMITED, GB
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[72] MAROUSE, LOIC, FR
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[54] **SYSTEME DE CONTROLE ET DE DIAGNOSTIC POUR UN SYSTEME DE MACHINE A ENERGIE FLUIDIQUE ET SYSTEME DE MACHINE A ENERGIE FLUIDIQUE**
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[25] EN
[54] **SYSTEM COMPRISING A SPRAY COATING DEVICE WITH A LIQUID SUPPLY CONTAINER**
[54] **RECIPIENT DE LIQUIDE POUR UN DISPOSITIF DE REVETEMENT PAR PULVERISATION**
[72] BURNS, MARVIN DEAN, US
[73] ILLINOIS TOOL WORKS INC., US
[85] 2013-01-11
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[51] **Int.Cl. G02B 6/12 (2006.01) G02B 5/22 (2006.01)**
[25] EN
[54] **LIGHT MONITOR CONFIGURED TO TAP PORTION OF LIGHT SIGNAL FROM MID-WAVEGUIDE**
[54] **DISPOSITIF DE SURVEILLANCE DE LA LUMIERE CONFIGURE POUR PRELEVER UNE PARTIE DU SIGNAL LUMINEUX A PARTIR D'UN GUIDE D'ONDES MOYENNES**
[72] FENG, DAZENG, US
[72] ASGHARI, MEHDI, US
[72] LUFF, BRADLEY JONATHAN, US
[72] SHAFIIHA, ROSHANAK, US
[73] MELLANOX TECHNOLOGIES SILICON PHOTONICS INC., US
[85] 2013-01-17
[86] 2011-06-03 (PCT/US2011/001010)
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[30] US (12/804,769) 2010-07-28

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[25] FR
[54] **PROCESS FOR MANUFACTURING PAPER AND BOARD HAVING IMPROVED RETENTION AND DRAINAGE PROPERTIES**
[54] **PROCEDE DE FABRICATION DE PAPIER ET CARTON PRESENTANT DES PROPRIETES DE RETENTION ET D'EGOUTTAGE AMELIOREES**
[72] FAUCHER, GATIEN, FR
[72] HUND, RENE, FR
[73] S.P.C.M. SA, FR
[85] 2013-01-29
[86] 2011-07-26 (PCT/FR2011/051801)
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[25] EN
[54] **APPARATUS AND METHOD FOR MOUNTING AN OVERHEAD DEVICE**
[54] **APPAREIL ET PROCEDE DE MONTAGE DE DISPOSITIF SUSPENDU**
[72] MCBEE, BRUCE W., US
[72] HAENSGEN, GREGG JAMES, US
[72] BANTING, JOHN FREDRICK, US
[72] KOSTOLNI, WILLIAM J., US
[72] COCHRAN, BRYAN C., US
[73] COOPER TECHNOLOGIES COMPANY, US
[85] 2013-01-31
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[25] EN
[54] **SYSTEM AND METHOD USING A MULTI-PLANE CURTAIN**
[54] **SYSTEME ET PROCEDE UTILISANT UN RIDEAU A MULTIPLES PLANS**
[72] WEISS, MITCHELL, US
[72] BOSWORTH, WILLIAM R., US
[73] SEEGRID CORPORATION, US
[85] 2013-02-06
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[51] **Int.Cl. A61K 9/00 (2006.01) A61Q 11/00 (2006.01)**
[25] EN
[54] **ORAL COMPOSITIONS COMPRISING A ZINC COMPOUND AND AN ANTI-MICROBIAL AGENT**
[54] **COMPOSITIONS BUCCALES COMPRENANT UN COMPOSE DE ZINC ET UN AGENT ANTIMICROBIEN**
[72] COHEN, MARVIN, US
[72] COHEN, SUSANNE, US
[72] FLYNN, BOB, US
[73] THE RESEARCH FOUNDATION FOR THE STATE UNIVERSITY OF NEW YORK, US
[85] 2013-02-07
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[30] US (61/371,695) 2010-08-07
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[54] **ROGOWSKI COIL ASSEMBLY**
[54] **ENSEMBLE DE BOBINE DE ROGOWSKI**
[72] HOBELSBERGER, MAX, CH
[72] GERBER, DOMINIC, CH
[73] GENERAL ELECTRIC TECHNOLOGY GMBH, CH
[85] 2013-02-13
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[87] (WO2012/022779)
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[54] **PATH SEARCHING METHOD AND PATH SEARCH DEVICE**
[54] **METHODE DE RECHERCHE DE CHEMIN ET APPAREIL CONNEXE**
[72] SHINAGAWA, AKIO, JP
[72] TAMAI, KYOHEI, JP
[73] FUJITSU LIMITED, JP
[86] (2808918)
[87] (2808918)
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[25] EN
[54] **METHOD FOR MEASURING FRACTIONS OF HYDROCARBON FLUIDS USING OPTICAL SPECTROSCOPY**
[54] **PROCEDE DE MESURE DE FRACTIONS DE FLUIDES HYDROCARBONES A L'AIDE DE SPECTROSCOPIE OPTIQUE**
[72] MOLLA, SHAHNAWAZ HOSSAIN, CA
[72] MOSTOWFI, FARSHID, CA
[72] KHARRAT, ABDEL M., CA
[73] SCHLUMBERGER CANADA LIMITED, CA
[85] 2013-02-21
[86] 2011-07-22 (PCT/IB2011/053288)
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[25] EN
[54] **HYDRAULIC IMPACT MECHANISM FOR USE IN EQUIPMENT FOR TREATING ROCK AND CONCRETE**
[54] **MECANISME HYDRAULIQUE A IMPACTS DESTINE A DES EQUIPEMENTS DE TRAITEMENT DE ROCHES ET DE BETON**
[72] PETTERSSON, MARIA, SE
[72] JOHANSSON, ANDERS, SE
[73] ATLAS COPCO ROCK DRILLS AB, SE
[85] 2013-02-27
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[25] EN
[54] **SYSTEMS AND METHODS FOR DELIVERY OF PERITONEAL DIALYSIS (PD) SOLUTIONS WITH INTEGRATED INTER-CHAMBER DIFFUSER**
[54] **SYSTEMES ET PROCEDES D'ADMINISTRATION DE SOLUTIONS DE DIALYSE PERITONEALE (DP) A L'AIDE D'UN DIFFUSEUR INTER-CHAMBRES INTEGRE**
[72] JENSEN, LYNN E., US
[72] GHATIKAR, VENUGOPAL R., US
[72] LINDLEY, DELOY, US
[72] JENSEN, MELVIN D., US
[73] FRESENIUS MEDICAL CARE HOLDINGS, INC., US
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[54] **WIDE ANGLE FIELD OF VIEW ACTIVE ILLUMINATION IMAGING SYSTEM**
[54] **SYSTEME D'IMAGERIE A ECLAIREMENT ACTIF ET A CHAMP DE VISION A GRAND ANGLE**
[72] YAHAV, GIORA, US
[72] COHEN, DAVID, US
[73] MICROSOFT TECHNOLOGY LICENSING, LLC, US
[85] 2013-03-07
[86] 2011-09-22 (PCT/US2011/052759)
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[30] US (12/889,479) 2010-09-24

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[51] **Int.Cl. A61B 17/04 (2006.01) A61B 17/06 (2006.01)**
[25] EN
[54] **ARCUATE SUTURING NEEDLE**
[54] **AIGUILLE DE SUTURE ARQUEE**
[72] BRECHER, GERALD L., US
[72] MEADE, JOHN C., US
[72] AHO, JOHN, US
[72] BASKE, ROGER, US
[72] BLECK, JAMES H., US
[72] CARLSON, JOHN F., US
[72] EAGAN, THOMAS, US
[72] HELANDER, MICHAEL J., US
[72] MURRAY, JAMES W., US
[72] PERKINS, ASHLEY, US
[72] SHAKAL, WAYNE A., US
[72] TOWLE, JONATHAN, US
[73] ENDOEVOLUTION, LLC, US
[85] 2013-03-27
[86] 2011-09-30 (PCT/US2011/054334)
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[30] US (61/388,648) 2010-10-01
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[25] EN
[54] **METHOD AND APPARATUS PERTAINING TO THE SHARING OF CONTENT**
[54] **PROCEDE ET APPAREIL AYANT TRAIT AU PARTAGE DE CONTENU**
[72] THORSANDER, SIMON MARTIN, SE
[72] LESSING, ROBERT SIMON, SE
[72] JOHANSSON, PER AAKE DANIEL, SE
[73] BLACKBERRY LIMITED, CA
[86] (2813955)
[87] (2813955)
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[25] EN
[54] **ADDITIVE DISPERSING FILTER AND METHOD**
[54] **FILTRE ET PROCEDE DE DISPERSION D'ADDITIF**
[72] BILSKI, GERARD W., US
[72] ROHRBACH, RONALD, US
[72] HUSSAIN, ZAFAR, US
[73] FRAM GROUP IP LLC, US
[85] 2013-04-05
[86] 2010-12-29 (PCT/US2010/062332)
[87] (WO2011/082215)
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[25] EN
[54] **WALL MOUNTED, THREE DIMENSIONAL, VISUAL DISPLAY ELEMENT**
[54] **ELEMENT D'AFFICHAGE VISUEL MURAL EN TROIS DIMENSIONS**
[72] WEGRZYN, TOM F., CA
[73] 3D LIGHTING FX INC., CA
[85] 2013-04-08
[86] 2011-10-07 (PCT/CA2011/001139)
[87] (WO2012/045167)
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[51] **Int.Cl. H03F 3/217 (2006.01) H03M 1/12 (2006.01)**
[25] EN
[54] **CIRCUIT AND METHOD FOR REDUCING NOISE IN CLASS D AUDIO AMPLIFIERS**
[54] **CIRCUIT ET PROCEDE DE REDUCTION DE BRUIT DANS DES AMPLIFICATEURS DE CLASSE D**
[72] KOHUT, PAUL, US
[72] WINSHIP, PETER L., US
[72] KOWALCYZK, PETER, US
[72] METZ, STEVEN, US
[72] KEOWN, KURT, US
[73] MEYER SOUND LABORATORIES, INCORPORATED, US
[85] 2013-04-19
[86] 2010-10-19 (PCT/US2010/053267)
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[25] FR
[54] **PRODUCT CONTAINING A DETERGENT COMPONENT AND AN ENZYMATIC COMPONENT, AND PROCESS FOR REMOVING BIOFILMS**
[54] **PRODUIT COMPRENANT UN COMPOSANT DETERGENT ET UN COMPOSANT ENZYMATIQUE, ET PROCEDE D'ELIMINATION DES BIOFILMS**
[72] BOELS, GAUTHIER, BE
[72] BLACKMAN, GORDON, BE
[72] FAILLE, CHRISTINE, FR
[72] LEQUETTE, YANNICK, FR
[72] CLARISSE, MARTINE, FR
[73] S.A. REALCO, BE
[73] INSTITUT NATIONAL DE LA RECHERCHE AGRONOMIQUE, FR
[85] 2013-04-24
[86] 2010-10-15 (PCT/EP2010/065567)
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[51] **Int.Cl. G06F 17/24 (2006.01) G06F 9/44 (2006.01) G06F 17/21 (2006.01)**
[25] EN
[54] **SERIALIZING DOCUMENT EDITING COMMANDS**
[54] **SERIALISATION D'INSTRUCTIONS D'EDITION DE DOCUMENT**
[72] HUANG, JEFFREY, US
[72] ZHANG, DACHUAN, US
[73] MICROSOFT TECHNOLOGY LICENSING, LLC, US
[85] 2013-04-25
[86] 2011-10-25 (PCT/US2011/057611)
[87] (WO2012/061102)
[30] US (12/939,171) 2010-11-04

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[13] C
[51] **Int.Cl. G06Q 50/24 (2012.01)**
[25] EN
[54] **A SYSTEM FOR IDENTIFYING AND DELIVERING SERVICES FOR DELIVERY TO PHARMACY PATIENTS**
[54] **SYSTEME D'IDENTIFICATION ET DE FOURNITURE DE SERVICES A FOURNIR A DES PATIENTS DE PHARMACIE**
[72] ALEXANDER, PHILIP, AU
[73] GUILDLINK PTY LTD, AU
[85] 2013-05-02
[86] 2011-11-09 (PCT/AU2011/001438)
[87] (WO2012/061879)
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[25] EN
[54] **COMPATIBLE CARRIER FOR SECONDARY TOUGHENING**
[54] **SUPPORT COMPATIBLE POUR TREMPE SECONDAIRE**
[72] BAIDAK, ALEXANDRE A., GB
[72] PONSOLLE, DOMINIQUE, US
[72] BLACKBURN, ROBERT, GB
[72] MCGRAIL, PATRICK TERENCE, GB
[73] CYTEC TECHNOLOGY CORP., US
[85] 2013-05-07
[86] 2011-10-28 (PCT/US2011/058264)
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[25] EN
[54] **USE OF WATER SOLUBLE BLOCK COPOLYMERS TO IMPROVE MEMBRANE BIOREACTOR SYSTEMS IN WATER TREATMENT**
[54] **UTILISATION DE COPOLYMERES BLOCS HYDROSOLUBLES POUR AMELIORER LES SYSTEMES DE BIOREACTEUR A MEMBRANE DANS LE TRAITEMENT DE L'EAU**
[72] WANG, SIJING, CN
[72] VASCONCELLOS, STEPHEN ROBERT, US
[72] WANG, JIANQIU, CN
[73] GENERAL ELECTRIC COMPANY, US
[85] 2013-05-09
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[25] EN
[54] **LED LUMINAIRE UTILIZING AN EXTENDED AND NON-METALLIC ENCLOSURE**
[54] **LUMINAIRE A DEL A ENCEINTE NON METALLIQUE ALLONGEE**
[72] PECK, JOHN PATRICK, US
[73] DIALIGHT CORPORATION, US
[85] 2013-05-15
[86] 2011-11-15 (PCT/US2011/060797)
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[51] **Int.Cl. H04N 13/00 (2006.01)**
[25] EN
[54] **METHOD FOR SERVICE COMPATIBILITY-TYPE TRANSMITTING IN DIGITAL BROADCAST**
[54] **PROCEDE POUR LA TRANSMISSION DU TYPE DE COMPATIBILITE DE SERVICE DANS UNE DIFFUSION NUMERIQUE**
[72] CHOI, BYEONG HO, KR
[72] SHIN, HWA SEON, KR
[72] KIM, JAE-GON, KR
[72] LEE, BYUNG-TAK, KR
[72] JANG, EUY DOC, KR
[73] KOREA ELECTRONICS TECHNOLOGY INSTITUTE, KR
[85] 2013-05-23
[86] 2011-01-18 (PCT/KR2011/000362)
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[51] **Int.Cl. G06F 3/048 (2013.01) G06F 3/0481 (2013.01) G06F 17/27 (2006.01)**
[25] EN
[54] **TOUCHSCREEN KEYBOARD PROVIDING SELECTION OF WORD PREDICTIONS IN PARTITIONS OF THE TOUCHSCREEN KEYBOARD**
[54] **CLAVIER SUR ECRAN TACTILE OFFRANT UN CHOIX DE PREDICTIONS DE MOTS DANS DES PARTITIONS DU CLAVIER SUR ECRAN TACTILE**
[72] PASQUERO, JEROME, CA
[72] MCKENZIE, DONALD SOMERSET MCCULLOCH, CA
[72] GRIFFIN, JASON TYLER, CA
[73] BLACKBERRY LIMITED, CA
[86] (2819839)
[87] (2819839)
[22] 2013-06-26
[30] EP (12173818.1) 2012-06-27

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[51] **Int.Cl. E04H 17/14 (2006.01) E04H 17/26 (2006.01)**
[25] EN
[54] **DO-IT-YOURSELF FENCE**
[54] **CLOTURE PRETE A INSTALLER**
[72] LEACH, EDDIE, US
[73] LEACH, EDDIE, US
[86] (2820331)
[87] (2820331)
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[51] **Int.Cl. C07K 16/28 (2006.01)**
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[54] **ANTI-NOTCH1 ANTIBODIES**
[54] **ANTICORPS ANTI-NOTCH1**
[72] GELES, KENNETH G., US
[72] ZHOU, BIN-BING STEPHEN, US
[72] TCHISTIAKOVA, LIOUDMILA GENNADIEVNA, US
[72] GAO, YIJIE, US
[72] BARD, JOEL, US
[73] WYETH LLC, US
[85] 2013-06-10
[86] 2011-12-09 (PCT/IB2011/055595)
[87] (WO2012/080926)
[30] US (61/423,578) 2010-12-15
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[25] EN
[54] **SYSTEM AND COMPONENTS FOR SAFELY ENCLOSING HANDRAILS, STAIRWAYS, WALKWAYS AND PLATFORMS**
[54] **SYSTEME ET COMPOSANTS PERMETTANT D'ENTOURER DE FACON SURE DES RAMBARDES, ESCALIERS, PASSERELLES ET PLATES-FORMES**
[72] CROTHERS, ANDREW PAUL, AU
[72] OOYENDYK, PHILIP, AU
[72] NOACK, SIMON, AU
[73] PRO3 SAFETY PTY LTD, AU
[85] 2013-06-12
[86] 2011-12-15 (PCT/AU2011/001622)
[87] (WO2012/079126)
[30] AU (2010905499) 2010-12-15
[30] AU (2011100489) 2011-04-29

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[51] **Int.Cl. E21B 37/00 (2006.01) E21B 33/13 (2006.01)**
[25] EN
[54] **METHOD FOR COMBINED CLEANING AND PLUGGING IN A WELL, A WASHING TOOL FOR DIRECTIONAL WASHING IN A WELL, AND USES THEREOF**
[54] **PROCEDE POUR COMBINER UN NETTOYAGE ET UN BOUCHAGE DANS UN PUITS, OUTIL DE LAVAGE POUR LAVAGE DIRECTIONNEL DANS UN PUITS, ET LEURS UTILISATIONS**
[72] LARSEN, ARNE GUNNAR, NO
[72] JENSEN, ROY INGE, NO
[72] ANDERSEN, PATRICK, NO
[72] SORHUS, ATLE JOHNNY, NO
[72] MYHRE, MORTEN, NO
[73] HYDRA SYSTEMS AS, NO
[85] 2013-06-19
[86] 2012-01-09 (PCT/NO2012/000001)
[87] (WO2012/096580)
[30] NO (20110049) 2011-01-12
[30] NO (20111641) 2011-11-28

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[51] **Int.Cl. G06F 3/048 (2013.01) G05B 19/10 (2006.01) H04M 1/725 (2006.01)**
[25] EN
[54] **DISPLAY OF CONTROLLABLE ATTRIBUTES FOR A CONTROLLABLE ITEM BASED ON CONTEXT**
[54] **AFFICHAGE D'ATTRIBUTS COMMANDABLES POUR UN ELEMENT COMMANDABLE FONDE SUR LE CONTEXTE**
[72] HUNTER, JIM, US
[73] ARRIS ENTERPRISES LLC, US
[85] 2013-05-08
[86] 2011-10-24 (PCT/US2011/057457)
[87] (WO2012/067763)
[30] US (61/414,202) 2010-11-16
[30] US (13/277,258) 2011-10-20

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[25] EN
[54] **PRINTED CIRCUIT BOARD WITH AN ACOUSTIC CHANNEL FOR A MICROPHONE**
[54] **CARTE DE CIRCUITS IMPRIMES PRESENTANT UN CANAL ACOUSTIQUE POUR UN MICROPHONE**
[72] LORENZ, CHRISTIAN, CA
[72] KYOWSKI, TIMOTHY, CA
[72] EL-HAGE, MOHAMMAD, CA
[72] TORGRIMSON, DARYL W., CA
[73] BLACKBERRY LIMITED, CA
[85] 2013-07-05
[86] 2011-01-12 (PCT/CA2011/050012)
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[54] **HIGH LAYER SYNTAX FOR TEMPORAL SCALABILITY**
[54] **SYNTAXE DE COUCHE SUPERIEURE POUR ECHELONNABILITE TEMPORELLE**
[72] BOYCE, JILL, US
[72] HONG, DANNY, US
[73] VIDYO, INC., US
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[87] (WO2012/096806)
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[25] EN
[54] **ELECTRICAL MACHINE AND METHOD FOR OPERATING SUCH AN ELECTRICAL MACHINE**
[54] **MACHINE ELECTRIQUE ET METHODE DE FONCTIONNEMENT D'UNE TELLE MACHINE**
[72] SCHWERY, ALEXANDER, CH
[72] TRAXLER-SAMEK, GEORG, CH
[73] GE RENEWABLE TECHNOLOGIES, FR
[86] (2824171)
[87] (2824171)
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[25] EN
[54] **FIREARM**
[54] **ARME A FEU**
[72] SULLIVAN, LEROY JAMES, US
[72] MCGARRY, JAMES, US
[72] WATERFIELD, ROBERT LLOYD, US
[72] LATULIPPE, PAUL N., JR., US
[73] ARMWEST, LLC, US
[85] 2013-07-12
[86] 2012-01-13 (PCT/US2012/021358)
[87] (WO2012/097327)
[30] US (61/433,092) 2011-01-14
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[54] **QUICK BARREL CHANGE FIREARM**
[54] **ARME A FEU PERMETTANT UN CHANGEMENT RAPIDE DU CANON**
[72] SULLIVAN, LEROY JAMES, US
[72] WATERFIELD, ROBERT LLOYD, US
[72] OSTROWSKI, ALAN H., US
[72] LATULIPPE, PAUL N., JR., US
[72] EYSSAUTIER, HYUNJUNG SAMUEL, US
[73] ARMWEST, LLC, US
[85] 2013-07-12
[86] 2012-01-13 (PCT/US2012/021368)
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[30] US (61/433,115) 2011-01-14
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[25] EN
[54] **COVER REMOVAL ASSEMBLY FOR AN INJECTOR**
[54] **DISPOSITIF D'ENLEVEMENT DE REVETEMENT DESTINE A UN INJECTEUR**
[72] RADAY, LIOR, IL
[72] CARMEL, EHUD, IL
[72] MARELI, LIOR, IL
[72] DAILY, DAVID, IL
[72] KEENAN, GUY, IL
[73] E3D AGRICULTURAL COOPERATIVE ASSOCIATION LTD., IL
[85] 2013-07-23
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[30] US (61/435,467) 2011-01-24
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[51] **Int.Cl. H04N 7/08 (2006.01) H04N 7/173 (2011.01)**
[25] EN
[54] **APPARATUS AND METHOD FOR TRANSMITTING AND RECEIVING A BROADCASTING SERVICE**
[54] **APPAREIL ET PROCEDE DE TRANSMISSION ET DE RECEPTION D'UN SERVICE DE RADIODIFFUSION**
[72] SEO, DONGWAN, KR
[72] KIM, KWANSUK, KR
[72] THOMAS, GOMER, US
[72] KIM, SANGHYUN, KR
[72] SUH, JONGYEUL, KR
[72] LEE, JOONHUI, KR
[73] LG ELECTRONICS INC., KR
[85] 2013-08-14
[86] 2012-02-15 (PCT/KR2012/001141)
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[51] **Int.Cl. B01D 17/022 (2006.01) B01J 20/24 (2006.01)**
[25] EN
[54] **COMPOSITE MEDIA FOR WATER TREATMENT PROCESSES AND METHODS OF USING SAME**
[54] **MILIEUX COMPOSITES POUR DES PROCEDES DE TRAITEMENT DE L'EAU ET LEURS PROCEDES D'UTILISATION**
[72] FELCH, CHAD L., US
[72] PATTERSON, MATTHEW R., US
[72] WIERCINSKI, SHANE P., US
[73] SIEMENS ENERGY, INC., US
[85] 2013-08-30
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[54] **AERIAL FOREST INVENTORY SYSTEM**
[54] **SYSTEME D'INVENTAIRE FORESTIER AERIEN**
[72] VIAN, JOHN LYLE, US
[72] PRZYBYLKO, JOSHUA, US
[73] THE BOEING COMPANY, US
[86] (2829169)
[87] (2829169)
[22] 2013-10-01
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[54] **RELATIONSHIP-BASED SEARCH AND RECOMMENDATIONS**
[54] **RECHERCHE ET RECOMMANDATIONS BASEES SUR DES RELATIONS**
[72] GOMEZ URIBE, CARLOS, US
[72] SABAH, MOHAMMAD, US
[72] BHARADWAJ, VIJAY, US
[72] PARTHASARATHY, SASI, US
[72] ANGRISH, SIDDHARTH, US
[73] NETFLIX, INC., US
[86] (2829356)
[87] (2829356)
[22] 2013-10-04
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[25] EN
[54] **METHOD FOR HIGH FIDELITY MODELING OF AN AIRCRAFT ELECTRICAL POWER SYSTEM**
[54] **PROCEDE DE MODELISATION HAUTE FIDELITE D'UN SYSTEME D'ALIMENTATION ELECTRIQUE D'UN AERONEF**
[72] HUANG, HAO, US
[72] JIA, XIAOCHUAN, US
[73] GE AVIATION SYSTEMS LLC, US
[86] (2829683)
[87] (2829683)
[22] 2013-10-03
[30] US (13/647,671) 2012-10-09

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[54] **EXPANDABLE ORTHOPEDIC DEVICE**
[54] **DISPOSITIF ORTHOPEDIQUE EXTENSIBLE**
[72] BANOUSKOU, EZZINE, FR
[73] VEXIM SAS, FR
[85] 2013-09-13
[86] 2011-04-07 (PCT/IB2011/001480)
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[25] EN
[54] **FRAME ELEMENT LENGTH TRANSMISSION IN AUDIO CODING**
[54] **TRANSMISSION DE LA LONGUEUR D'UN ELEMENT DE TRAME DANS LE CODAGE AUDIO**
[72] NEUENDORF, MAX, DE
[72] MULTRUS, MARKUS, DE
[72] DOHLA, STEFAN, DE
[72] PURNHAGEN, HEIKO, SE
[72] DE BONT, FRANS, NL
[73] FRAUNHOFER-GESELLSCHAFT ZUR FORDERUNG DER ANGEWANDTEN FORSCHUNG E.V., DE
[73] DOLBY INTERNATIONAL AB, NL
[73] KONINKLIJKE PHILIPS N.V., NL
[85] 2013-09-18
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[54] **LAPAROSCOPE SYSTEM**
[54] **SYSTEME LAPAROSCOPIQUE**
[72] FARIN, DANNY, IL
[72] BACHAR, YEHUDA, IL
[73] EON SURGICAL LTD., IL
[85] 2013-09-23
[86] 2012-03-21 (PCT/EP2012/055041)
[87] (WO2012/126967)
[30] US (61/466,960) 2011-03-24

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[25] EN
[54] **MONITORING RECOMBINASE POLYMERASE AMPLIFICATION MIXTURES**
[54] **SURVEILLANCE DE MELANGES D'AMPLIFICATION DE RECOMBINASE-POLYMERASE**
[72] ARMES, NIALL A., GB
[72] PIEPENBURG, OLAF, GB
[72] GREENWOOD, CATHERINE JEAN, GB
[73] ALERE SAN DIEGO, INC., US
[85] 2013-09-23
[86] 2012-04-06 (PCT/US2012/032508)
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[25] EN
[54] **SYSTEMS AND METHODS FOR ASSESSING VEHICLE AND VEHICLE OPERATOR EFFICIENCY**
[54] **SYSTEMES ET PROCEDES PERMETTANT D'EVALUER L'EFFICACITE DE VEHICULES ET D'OPERATEURS DE VEHICULES**
[72] DAVIDSON, MARK J., US
[72] OLSEN, JOHN A., US
[72] SCHENKEN, CHRISTOPHER T., US
[73] UNITED PARCEL SERVICE OF AMERICA, INC., US
[85] 2013-09-27
[86] 2012-03-29 (PCT/US2012/031172)
[87] (WO2012/135472)
[30] US (61/470,185) 2011-03-31
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[51] **Int.Cl. H04N 5/232 (2006.01) G08B 13/196 (2006.01)**
[25] EN
[54] **INFRARED CAMERA SYSTEMS AND METHODS**
[54] **SYSTEMES ET PROCEDES DE DETECTION PAR CAMERA INFRAROUGE**
[72] TERRE, WILLIAM A., US
[72] FRANK, JEFFREY D., US
[72] WOOLAWAY, JAMES T., US
[72] RICHARDS, AUSTIN A., US
[72] RICHARDSON, PATRICK B., US
[72] HOGASTEN, NICHOLAS, US
[73] FLIR SYSTEMS, INC., US
[85] 2013-10-11
[86] 2012-04-10 (PCT/US2012/032937)
[87] (WO2012/142049)
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[25] EN
[54] **A COMPOSITION OF ENTACAPONE**
[54] **UNE COMPOSITION D'ENTACAPONE**
[72] HAO, WEI-HUA, CN
[72] WANG, JONG-JING, CN
[72] CHEN, HUI-YUN, CN
[73] INNOPHARMAX, INC., CN
[85] 2013-10-17
[86] 2011-04-26 (PCT/CN2011/073297)
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[51] **Int.Cl. B05B 1/18 (2006.01)**
[25] EN
[54] **HAND TIGHTENED SHOWERHEAD**
[54] **POMME DE DOUCHE SERREE A LA MAIN**
[72] HUFFINGTON, TODD, US
[72] SPANGLER, ANTHONY G., US
[73] DELTA FAUCET COMPANY, US
[86] (2835363)
[87] (2835363)
[22] 2013-12-02
[30] US (61/732,648) 2012-12-03

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[51] **Int.Cl. H01H 19/10 (2006.01) H01H 19/64 (2006.01)**
[25] EN
[54] **SWITCH**
[54] **COMMUTATEUR**
[72] UITTO, OSKARI, FI
[72] SUUTARINEN, AKI, FI
[72] KOLMONEN, RAINER, FI
[73] ABB OY, FI
[85] 2013-11-14
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[30] FI (20110196) 2011-06-07

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[51] **Int.Cl. H04W 36/18 (2009.01) H04W 72/12 (2009.01) H04L 1/18 (2006.01)**
[25] EN
[54] **WIRELESS COMMUNICATION METHOD AND APPARATUS COORDINATING NODE-B'S AND SUPPORTING ENHANCED UPLINK TRANSMISSIONS DURING HANDOVER**
[54] **PROCEDE ET APPAREIL DE COMMUNICATION SANS FIL DE COORDINATION DE NOEUDS B ET SUPPORTANT DES TRANSMISSIONS A LIAISON ASCENDANTE AMELIOREES AU COURS DU TRANSFERT**
[72] ZHANG, GUODONG, US
[72] SHIN, SUNG-HYUK, US
[72] TERRY, STEPHEN E., US
[72] MILLER, JAMES M., US
[72] DICK, STEPHEN G., US
[73] SIGNAL TRUST FOR WIRELESS INNOVATION, US
[86] (2836724)
[87] (2836724)
[22] 2004-10-29
[62] 2,541,777
[30] US (60/517,656) 2003-11-05
[30] US (60/519,990) 2003-11-14
[30] US (60/520,692) 2003-11-17
[30] US (60/578,674) 2004-06-10
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[51] **Int.Cl. B67D 1/00 (2006.01) B67D 1/06 (2006.01) B67D 1/08 (2006.01)**
[25] EN
[54] **MULTI-TOWER MODULAR BEVERAGE DISPENSING SYSTEM**
[54] **SYSTEME DE DISTRIBUTION DE BOISSON MODULAIRE MULTITOUR**
[72] JERSEY, STEVEN T., US
[72] SEGIET, WILLIAM W., US
[72] SIEGEL, TOM, US
[72] KALI, EDDIE, US
[72] BOGGS, JOSEPH, US
[72] BALSTAD, ROBERT, US
[73] PEPSICO, INC., US
[85] 2013-11-25
[86] 2012-05-02 (PCT/US2012/036129)
[87] (WO2012/161936)
[30] US (13/116,266) 2011-05-26

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[51] **Int.Cl. G03G 15/00 (2006.01)**
[25] EN
[54] **PHOTOSENSITIVE DRUM DRIVING HEAD AND DRIVING MECHANISM OF IMAGE FORMING APPARATUS**
[54] **TETE D'ENTRAINEMENT DE TAMBOUR PHOTOSENSIBLE ET MECANISME D'ENTRAINEMENT DE DISPOSITIF DE FORMATION D'IMAGE**
[72] WU, JUNZHONG, CN
[72] PENG, QINGFEI, CN
[72] CAO, JIANXIN, CN
[72] LIU, JINLIAN, CN
[73] NINESTAR CORPORATION, CN
[85] 2013-12-09
[86] 2012-12-13 (PCT/CN2012/086505)
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[25] EN
[54] **SECURITY APPARATUS WITH A MODULAR SYSTEM FOR ACCESSORIES**
[54] **APPAREIL DE SECURITE A SYSTEME MODULAIRE POUR DES ACCESSOIRES**
[72] WHITE, RYAN, US
[72] VENIDA, JOHN A., US
[72] STACEY, JONATHAN, US
[72] TSE, WILSON SHU CHIU, US
[73] ACCO BRANDS CORPORATION, US
[86] (2840676)
[87] (2840676)
[22] 2014-01-22
[30] US (61/755,908) 2013-01-23

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[51] **Int.Cl. H04N 21/478 (2011.01) H04N 21/433 (2011.01) H04N 21/462 (2011.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR ADVERTISEMENT DELIVERY WITHIN A VIDEO TIME SHIFTING ARCHITECTURE**
[54] **SYSTEME ET METHODE DE LIVRAISON PUBLICITAIRE DANS UNE ARCHITECTURE A DECALAGE TEMPOREL VIDEO**
[72] RIEDL, STEVE, US
[72] URDANG, ERICK, US
[72] GONDER, TOM, US
[72] SANTANGELO, BRYAN, US
[72] JORDAN, BRAD, US
[73] TIME WARNER CABLE, INC., US
[86] (2840827)
[87] (2840827)
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[25] EN
[54] **COMPRESSED GAS AEROSOLS WITH ENHANCED INTENSITY AND LONGEVITY OF ACTIVES**
[54] **AEROSOLS A GAZ COMPRIME AYANT UNE INTENSITE ET LONGEVITE DES PRINCIPES ACTIFS AMELIOREES**
[72] NGUYEN, PETER N., US
[72] SHAH, BHAVESHKUMAR, US
[73] S. C. JOHNSON & SON, INC., US
[85] 2013-12-30
[86] 2012-07-06 (PCT/US2012/045730)
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[30] US (61/457,925) 2011-07-08

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[51] **Int.Cl. A63F 5/00 (2006.01)**
[25] EN
[54] **HOLDING DEVICE FOR A ROULETTE WHEEL**
[54] **DISPOSITIF DE FIXATION POUR UN CAISSON DE ROULETTE**
[72] KULHANEK, CHRISTIAN, AT
[73] NOVOMATIC AG, AT
[85] 2014-01-10
[86] 2012-07-13 (PCT/AT2012/000189)
[87] (WO2013/010196)
[30] AT (A 1052/2011) 2011-07-15

[11] **2,841,640**
[13] C
[51] **Int.Cl. G05B 13/04 (2006.01) G05B 17/02 (2006.01)**
[25] EN
[54] **REGULATION METHOD**
[54] **PROCEDE DE REGULATION**
[72] HISSEL, ANNE-MARIE, FR
[72] DE LARMINAT, PHILIPPE, FR
[73] GENERAL ELECTRIC TECHNOLOGY GMBH, CH
[85] 2014-01-14
[86] 2012-07-20 (PCT/EP2012/064283)
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[30] EP (11290331.5) 2011-07-20

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[25] EN
[54] **CLEANSING COMPOSITION WITH WHIPPED TEXTURE**
[54] **COMPOSITION NETTOYANTE A TEXTURE AEREE**
[72] HOLERCA, MARIAN N., US
[72] AHMED, RABAB, US
[72] HARTNETT, DONNA ANN, US
[73] COLGATE-PALMOLIVE COMPANY, US
[85] 2014-01-15
[86] 2011-07-20 (PCT/US2011/044649)
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[51] **Int.Cl. G06K 7/10 (2006.01) G01S 13/74 (2006.01)**
[25] EN
[54] **STREAMLINED APPARATUS AND METHODS FOR RFID COMMUNICATION**
[54] **APPAREIL SIMPLIFIE ET PROCEDES POUR UNE COMMUNICATION D'IDENTIFICATION PAR RADIOFREQUENCE (RFID)**
[72] REZAYEE, AFSHIN, CA
[73] SQUARE, INC., US
[85] 2014-01-09
[86] 2012-07-10 (PCT/CA2012/000659)
[87] (WO2013/006954)
[30] US (61/506,387) 2011-07-11

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[51] **Int.Cl. G07C 5/00 (2006.01) G07C 5/08 (2006.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR ACCIDENT RECONSTRUCTION**
[54] **SYSTEMES ET PROCEDES DE RECONSTRUCTION D'ACCIDENTS**
[72] BRADLEY, DAVID L., US
[72] SIRIS, MARC DAVID, US
[73] UNITED PARCEL SERVICE OF AMERICA, INC., US
[85] 2014-01-17
[86] 2012-06-26 (PCT/US2012/044114)
[87] (WO2013/015922)
[30] US (61/511,874) 2011-07-26
[30] US (13/485,400) 2012-05-31

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[25] EN
[54] **HOLLOW-FIBER MEMBRANE BLOOD PURIFICATION DEVICE**
[54] **EPURATEUR DE SANG DU TYPE MEMBRANE CAPILLAIRE**
[72] SATOH, JUNYA, JP
[72] SEKINE, KUMIKO, JP
[73] ASAHI KASEI MEDICAL CO., LTD., JP
[85] 2014-01-22
[86] 2012-06-20 (PCT/JP2012/065737)
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[30] JP (2011-164788) 2011-07-27

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[54] **ADJUSTABLE WRENCH**
[54] **CLE ANGLAISE REGLABLE**
[72] LIM, LEON A., CA
[73] LIM, LEON A., CA
[86] (2843563)
[87] (2843563)
[22] 2014-02-19
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[51] **Int.Cl. B23B 27/16 (2006.01)**
[25] EN
[54] **CUTTING TOOL AND CLAMPING MECHANISM FOR HOLDING A CUTTING INSERT THERETO**
[54] **OUTIL DE COUPE ET MECANISME DE BLOCAGE DESTINE A PORTER UN INSERT DE COUPE**
[72] HECHT, GIL, IL
[72] CHEN, DANNY, IL
[73] ISCAR LTD., IL
[85] 2014-01-31
[86] 2012-07-17 (PCT/IL2012/050250)
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[54] **ELECTRICAL POWER GENERATING ENGINE FLYWHEEL WITH ACTIVE TORQUE CONTROL**
[54] **VOLANT MOTEUR GENERANT DE L'ENERGIE ELECTRIQUE AVEC COMMANDE DE COUPLE ACTIF**
[72] LUYKS, LEO JOHN, US
[73] THE BOEING COMPANY, US
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[54] **METHOD FOR INSPECTING SUSCEPTIBILITY OF BACTERIA OR FUNGI TO ANTIMICROBIAL DRUG AND SYSTEM FOR USE IN THE SAME**
[54] **PROCEDE POUR ANALYSER LA SENSIBILITE A UN MEDICAMENT ANTIBACTERIEN D'UNE BACTERIE OU D'UN CHAMPIGNON, ET SYSTEME UTILISE POUR SA MISE EN OEUVRE**
[72] MATSUMOTO, YOSHIMI, JP
[72] HAYAMA, KOHEI, JP
[72] SAKAKIHARA, SHOUICHI, JP
[72] NISHINO, KUNIHIKO, JP
[72] YAMAGUCHI, AKIHITO, JP
[72] NOJI, HIROYUKI, JP
[72] IINO, RYOTA, JP
[73] FUKOKU CO., LTD., JP
[73] OSAKA UNIVERSITY, JP
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[54] **APPARATUS FOR THE TREATMENT OF PLASTICS MATERIAL**
[54] **DISPOSITIF POUR PREPARER UNE MATIERE PLASTIQUE**
[72] FEICHTINGER, KLAUS, AT
[72] HACKL, MANFRED, AT
[73] EREMA ENGINEERING RECYCLING MASCHINEN UND ANLAGEN GESELLSCHAFT M.B.H., AT
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[54] **ELEMENTS DE COUPE POUR OUTILS DE COUPE DE FOND DE TROU**
[72] STOWE, CALVIN J. II, US
[72] PONDER, ANDREW D., US
[73] BAKER HUGHES INCORPORATED, US
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[54] **SYSTEMS, METHODS, AND COMPUTER PROGRAM PRODUCTS FOR PROCESSING A PACKAGE FOR SHIPPING WITH A COMMON CARRIER ON A WIRELESS COMPUTING DEVICE**
[54] **SYSTEMES, PROCEDES ET PRODUITS PROGRAMME D'ORDINATEUR POUR TRAITER UN PAQUETAGE POUR UNE EXPEDITION AVEC UNE PORTEUSE COMMUNE SUR UN DISPOSITIF INFORMATIQUE SANS FIL**
[72] BOLTON, CHRISTOPHER J., US
[73] UNITED PARCEL SERVICE OF AMERICA, INC., US
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[54] **SYSTEMS AND METHODS FOR PROVIDING INFORMATION CONCERNING CHROMOPHORES IN PHYSIOLOGICAL MEDIA**
[54] **SYSTEMES ET PROCEDES PERMETTANT D'OBTENIR DES INFORMATIONS CONCERNANT DES CHROMOPHORES PRESENTS DANS DES MILIEUX PHYSIOLOGIQUES**
[72] CHENG, XUEFENG, US
[72] XU, XIAORONG, US
[72] ZHOU, SHUOMING, US
[72] WANG, LAI, US
[72] WANG, MING, US
[72] LI, FENG, US
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[54] **SYSTEMES ET PROCEDES DE FOURNITURE D'UN CHARIOT POUR COMMERCE ELECTRONIQUE**
[72] SUTTON, ANDREA, US
[72] HUDSON, ROBERT, US
[73] SEARS BRANDS, LLC, US
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[72] EMBORG, MICHAEEL, DK
[73] ROCKWOOL INTERNATIONAL A/S, DK
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[54] **GAS INJECTION METHOD AND APPARATUS**
[54] **PROCEDE ET APPAREIL D'INJECTION DE GAZ**
[72] FABIYI, MALCOLM E., US
[72] WATTANAPANOM, WITAWAT, US
[72] NOVAK, RICHARD A., US
[72] CONNERY, KAREN, US
[73] PRAXAIR TECHNOLOGY, INC., US
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[54] **APPAREIL ET PROCEDE PERMETTANT DE SEPARER DES MATIERES SOLIDES D'UNE BOUE DE FORAGE CHARGEE EN MATIERES SOLIDES**
[72] BURNETT, GEORGE ALEXANDER, GB
[72] LARSON, THOMAS ROBERT, US
[73] NATIONAL OILWELL VARCO, L.P., US
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[54] **DIRECT REDUCED IRON MANUFACTURING SYSTEM**
[54] **SYSTEME DE FABRICATION DE FER DE REDUCTION DIRECTE**
[72] SAKAGUCHI, MASAKAZU, JP
[72] HIRAYAMA, HARUAKI, JP
[72] SUSAKI, MAKOTO, JP
[72] ISHIDA, KAZUO, JP
[73] MITSUBISHI HEAVY INDUSTRIES, LTD., JP
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[54] **SYSTEME ET PROCEDE POUR MESURER UN TUYAU**
[72] LOGAN, KEVIN D., US
[72] RODRIGUEZ, ANDRES C., US
[72] AGUIRRE, CLAUDIO, US
[72] LAM, CLIVE C., US
[73] NATIONAL OILWELL VARCO, L.P., US
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[54] **NACELLE D'EOLIENNE**
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[72] SARTORIUS, FLORIAN, DE
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[54] **PARTICLE DETECTOR**
[54] **DETECTEUR DE PARTICULES**
[72] KNOX, RON, AU
[72] BOETTGER, KARL, AU
[72] MEIKLE, PETER, AU
[72] ALEXANDER, BRIAN, AU
[73] GARRETT THERMAL SYSTEMS LIMITED, GB
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[54] **UNICAST COMMUNICATION METHOD, APPARATUS, AND SYSTEM**
[54] **PROCEDE, DISPOSITIF ET SYSTEME POUR UNE COMMUNICATION EN DIFFUSION INDIVIDUELLE**
[72] SUN, LIXIN, CN
[72] MA, SHA, CN
[72] LI, YANG, CN
[73] HUAWEI TECHNOLOGIES CO., LTD., CN
[85] 2014-06-06
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[25] EN
[54] **SLIDABLE CONTAINER WITH CHILD LOCK**
[54] **RECEPTACLE COULISSANT AVEC VERROUILLAGE A L'EPREUVE DES ENFANTS**
[72] AIZAWA, HISASHI, JP
[72] KOKUBUN, YASUSHI, JP
[73] JAPAN TOBACCO INC., JP
[85] 2014-06-19
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[54] **METHOD AND SYSTEM FOR COMBINED ULTRASOUND TREATMENT**
[54] **PROCEDE ET SYSTEME POUR TRAITEMENT COMBINE PAR ULTRASONS**
[72] SLAYTON, MICHAEL H., US
[72] MAKIN, INDER RAJ S., US
[72] BARTHE, PETER G., US
[73] GUIDED THERAPY SYSTEMS, L.L.C., US
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[25] EN
[54] **NANOCOMPOSITES FOR ABSORPTION TUNABLE SANDSCREENS**
[54] **NANOCOMPOSITES POUR TAMIS A SABLE A ABSORPTION REGLABLE**
[72] CHAKRABORTY, SOMA, US
[72] JOHNSON, MICHAEL H., US
[72] AGRAWAL, GAURAV, US
[73] BAKER HUGHES INCORPORATED, US
[85] 2014-07-04
[86] 2012-12-12 (PCT/US2012/069098)
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[54] **CHANNEL PLATE HEAT TRANSFER SYSTEM**
[54] **SYSTEME DE TRANSFERT DE CHALEUR A PLAQUE A CANAL**
[72] HOGLUND, KASPER, SE
[73] ALFA LAVAL CORPORATE AB, SE
[85] 2014-07-14
[86] 2013-03-14 (PCT/EP2013/055237)
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[25] EN
[54] **SYSTEMS AND METHODS FOR CONNECTING AN AUDIO CONTROLLER TO A HIDDEN AUDIO NETWORK**
[54] **SYSTEMES ET PROCEDES DE CONNEXION D'UN CONTROLEUR AUDIO A UN RESEAU AUDIO CACHE**
[72] AGERBAK, MICHAEL, US
[72] MILLINGTON, NICHOLAS A. J., US
[72] PETERS, JEFFREY, US
[72] BECKHARDT, STEVEN R., US
[73] SONOS, INC., US
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[54] **MINERAL MATERIAL POWDER WITH HIGH DISPERSION ABILITY AND USE OF SAID MINERAL MATERIAL POWDER**
[54] **POUDRE DE MATIERE MINERALE POSSEDANT UNE FORTE CAPACITE DE DISPERSION ET SON UTILISATION**
[72] BLANCHARD, PIERRE, FR
[72] ELGOYHEN, JEAN-PIERRE, FR
[72] KARTH, BEAT, CH
[72] MULLER, HOLGER, DE
[72] SPEHN, JURGEN, CH
[72] BRUNNER, MARTIN, CH
[72] GONNON, PASCAL, FR
[72] TINKL, MICHAEL, CH
[73] OMYA INTERNATIONAL AG, CH
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[25] EN
[54] **FIBROUS STRUCTURES COMPRISING POLYSACCHARIDE FILAMENTS AND METHODS FOR MAKING SAME**
[54] **STRUCTURES FIBREUSES RENFERMANT DES FILAMENTS DE POLYSACCHARIDE ET METHODES DE FABRICATION DESDITES STRUCTURES**
[72] CABELL, DAVID WILLIAM, US
[72] MICHAEL, JOHN GERHARD, US
[72] EROGLU, HASAN, US
[73] PROCTER & GAMBLE COMPANY, US
[85] 2014-08-21
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[54] **SPEECH/AUDIO SIGNAL PROCESSING METHOD AND APPARATUS**
[54] **PROCEDE ET DISPOSITIF DE TRAITEMENT DE SIGNAL DE FREQUENCE VOCALE**
[72] LIU, ZEXIN, CN
[72] MIAO, LEI, CN
[73] HUAWEI TECHNOLOGIES CO., LTD., CN
[85] 2014-08-26
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[25] EN
[54] **SYSTEMS AND METHODS FOR WELDING ELECTRODES**
[54] **SYSTEMES ET PROCEDES POUR ELECTRODES DE SOUDAGE**
[72] BARHORST, STEVEN, US
[72] AMATA, MARIO, US
[73] HOBART BROTHERS COMPANY, US
[85] 2014-09-09
[86] 2013-03-08 (PCT/US2013/029857)
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[54] **SYSTEMS AND METHODS FOR TUBULAR WELDING WIRE**
[54] **SYSTEMES ET PROCEDES POUR FIL A SOUDER TUBULAIRE**
[72] BARHORST, STEVEN, US
[72] BUNDY, JOSEPH, US
[72] BERTRAM, MICHAEL, US
[73] HOBART BROTHERS COMPANY, US
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[54] **FILTER DEVICE AND METHOD FOR FILTERING A SUSPENSION**
[54] **DISPOSITIF DE FILTRATION ET PROCEDE DE FILTRATION D'UNE SUSPENSION**
[72] BOHNKE, BERND, DE
[73] OUTOTEC (FINLAND) OY, FI
[85] 2014-09-15
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[25] EN
[54] **METHOD FOR FILTERING A SUSPENSION AND FILTER PLATE**
[54] **METHODE DE FILTRAGE D'UNE SUSPENSION ET PLAQUE DE FILTRE**
[72] BOHNKE, BERND, DE
[73] OUTOTEC (FINLAND) OY, FI
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[54] **TABLE DE GENOUX PLIABLE DE PASSAGER D'AERONEF**
[72] HISATA, SUZUKO, US
[72] POZZI, ALEXANDER NICHOLAS, US
[72] JOHNSON, GLENN ALLEN, US
[73] B/E AEROSPACE, INC., US
[73] HISATA, SUZUKO, ZZ
[73] POZZI, ALEXANDER NICHOLAS, ZZ
[73] JOHNSON, GLENN ALLEN, ZZ
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[54] **SYSTEMS AND METHODS FOR USING FLUORINE-CONTAINING GAS FOR SUBMERGED ARC WELDING**
[54] **SYSTEMES ET PROCEDES D'UTILISATION D'UN GAZ CONTENANT DU FLUOR A DES FINS DE SOUDAGE A L'ARC SOUS FLUX EN POUDRE**
[72] FISHER, KENNETH ALLEN, US
[72] AMATA, MARIO, US
[72] BARHORST, STEVEN, US
[72] BUNDY, JOSEPH, US
[73] ILLINOIS TOOL WORKS INC., US
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[54] **COMPOSES DE (METH)ACRYLATE CONTENANT DU SILICIUM**
[72] HORGAN, JAMES P., US
[72] KLANG, JEFFREY A., US
[72] HE, YUHONG, US
[72] GOODRICH, JAMES, US
[73] ARKEMA FRANCE, FR
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[25] EN
[54] **MOBILE STATION**
[54] **STATION MOBILE**
[72] UCHINO, TOORU, JP
[72] TAKAHASHI, HIDEAKI, JP
[72] AOYAGI, KENICHIRO, JP
[73] NTT DOCOMO, INC., JP
[85] 2014-11-04
[86] 2013-07-30 (PCT/JP2013/070547)
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[25] EN
[54] **METHOD OF PRODUCING REBAUDIOSIDE D SWEETENED DIET CARBONATED SOFT DRINKS**
[54] **PROCEDE DE PRODUCTION DE BOISSONS NON-ALCOOLISEES GAZEIFIEES DIETETIQUES, EDULCOREES PAR DU REBAUDIOSIDE D**
[72] LEE, THOMAS, US
[73] PEPSICO, INC., US
[85] 2014-10-10
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[51] **Int.Cl. C09C 1/02 (2006.01) D21H 17/00 (2006.01)**
[25] EN
[54] **TREATMENT OF CALCIUM CARBONATE CONTAINING MATERIALS FOR INCREASED FILLER LOAD IN PAPER**
[54] **TRAITEMENT DE MATIERES CONTENANT DU CARBONATE DE CALCIUM POUR UNE CHARGE ACCRUE DE MATIERE DE CHARGE DANS DU PAPIER**
[72] GANTENBEIN, DANIEL, NO
[72] SCHOELKOPF, JOACHIM, CH
[72] GANE, PATRICK A. C., CH
[73] OMYA INTERNATIONAL AG, CH
[85] 2014-10-21
[86] 2013-05-02 (PCT/EP2013/059197)
[87] (WO2013/167473)
[30] EP (12167650.6) 2012-05-11
[30] US (61/648,642) 2012-05-18

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[51] **Int.Cl. C01C 1/02 (2006.01) C01B 3/02 (2006.01) C01B 3/56 (2006.01) C01B 21/04 (2006.01)**
[25] EN
[54] **METHOD FOR PURIFICATION OF AMMONIA, MIXTURES OF NITROGEN AND HYDROGEN, OR NITROGEN, HYDROGEN AND AMMONIA**
[54] **PROCEDE DE PURIFICATION D'AMMONIAC, DE MELANGES D'AZOTE ET D'HYDROGENE, OU D'AZOTE, D'HYDROGENE ET D'AMMONIAC**
[72] MACULEWICZ, SLAWOMIR ANDRZEJ, PL
[72] RAROG-PILECKA, WIOLETTA, PL
[72] PODSIADLO, SLAWOMIR, PL
[72] LENKIEWICZ, DARIUSZ, PL
[73] MACULEWICZ, SLAWOMIR ANDRZEJ, PL
[73] POLITECHNIKA WARSZAWSKA, PL
[85] 2014-11-28
[86] 2013-06-07 (PCT/PL2013/000075)
[87] (WO2013/184012)
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[51] **Int.Cl. G01N 37/00 (2006.01)**
[25] EN
[54] **MAGNETICALLY CONTROLLED GAS DETECTORS**
[54] **DETECTEURS DE GAZ A COMMANDE MAGNETIQUE**
[72] KENNARD, CLIVE WARDEN, US
[72] WORTHINGTON, STEPHEN D., US
[72] EBLE, BRANDON, US
[72] SARUWATARI, TAK G., US
[72] STINSON, SEAN E., US
[73] HONEYWELL INTERNATIONAL INC., US
[86] (2875416)
[87] (2875416)
[22] 2014-12-12
[30] US (14/135,800) 2013-12-20

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[51] **Int.Cl. H05B 37/02 (2006.01) H02J 1/04 (2006.01)**
[25] EN
[54] **LED LIGHTING SYSTEM REMOTELY DISTRIBUTED POWER NETWORK**
[54] **RESEAU ELECTRIQUE DISTRIBUE, SITUE A DISTANCE D'UN SYSTEME D'ECLAIRAGE A DIODES ELECTROLUMINESCENTES**
[72] FETTERLY, RICHARD H., US
[72] HEBBORN, KEVIN A., US
[72] AHMAD, RIZWAN, US
[73] DIALIGHT CORPORATION, US
[85] 2014-12-04
[86] 2013-06-05 (PCT/US2013/044349)
[87] (WO2013/184829)
[30] US (13/492,663) 2012-06-08

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[51] **Int.Cl. F23D 14/22 (2006.01) F23D 11/40 (2006.01) F23D 14/58 (2006.01)**
[25] EN
[54] **BURNER SYSTEM**
[54] **SYSTEME DE COMBUSTION**
[72] KARRINGTEN, DARSELL, CA
[73] ABSOLUTE COMBUSTION INTERNATIONAL INC., CA
[86] (2876470)
[87] (2876470)
[22] 2014-12-31

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[13] C
[51] **Int.Cl. C08G 79/04 (2006.01) C08L 23/00 (2006.01) C08L 85/02 (2006.01)**
[25] EN
[54] **CYCLOALIPHATIC POLYPHOSPHITE POLYMER STABILIZERS**
[54] **STABILISANTS POLYMERES POLYPHOSPHITES CYCLOALIPHATIQUES**
[72] JAKUPCA, MICHAEL, US
[72] LANCE, JACOB M., US
[72] STEVENSON, DONALD, US
[73] DOVER CHEMICAL CORPORATION, US
[85] 2014-12-16
[86] 2013-06-19 (PCT/US2013/046611)
[87] (WO2013/192326)
[30] US (61/663,323) 2012-06-22
[30] US (61/671,427) 2012-07-13

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[51] **Int.Cl. C09D 5/33 (2006.01) C09D 5/02 (2006.01) C09D 5/08 (2006.01) C09D 7/12 (2006.01) C08K 3/04 (2006.01)**
[25] EN
[54] **COATED SHEET MATERIALS HAVING HIGH SOLAR REFLECTIVE INDEX AND CORROSION RESISTANCE, AND METHODS OF MAKING SAME**
[54] **MATIERES EN TOLE REVETUE AYANT UN INDICE DE REFLEXION SOLAIRE ELEVE ET UNE RESISTANCE ELEVEE A LA CORROSION, ET LEURS PROCEDES DE FABRICATION**
[72] SCHWENDEMAN, IRINA G., US
[72] RETSCH, WILLIAM H., JR., US
[72] REARICK, BRIAN K., US
[72] CONLEY, CAROLE A., US
[73] PPG INDUSTRIES OHIO, INC., US
[85] 2014-12-17
[86] 2013-06-18 (PCT/US2013/046324)
[87] (WO2013/192180)
[30] US (61/661,532) 2012-06-19
[30] US (13/786,516) 2013-03-06

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[51] **Int.Cl. A61F 2/24 (2006.01) A61F 2/02 (2006.01) A61M 39/22 (2006.01)**
[25] EN
[54] **HOLDERS FOR PROSTHETIC HEART VALVES**
[54] **SUPPORTS DE PROTHESES VALVULAIRES CARDIAQUES**
[72] CAMPBELL, LOUIS A., US
[72] PHUNG, ANDREW, US
[73] EDWARDS LIFESCIENCES CORPORATION, US
[85] 2014-12-22
[86] 2013-07-29 (PCT/US2013/052549)
[87] (WO2014/022300)
[30] US (61/677,940) 2012-07-31
[30] US (61/779,890) 2013-03-13
[30] US (13/948,923) 2013-07-23

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[13] C
[51] **Int.Cl. G07G 1/00 (2006.01) G06Q 30/06 (2012.01)**
[25] EN
[54] **ITEM SCANNING IN A SHOPPING CART**
[54] **SCANNERISATION DES ARTICLES DANS UN CADDIE**
[72] CHAN, WEI CAI, SG
[72] CHEE, MUN KONG, SG
[72] LIM, KELVIN KOK YONG, SG
[72] SOON, HOON WENG, SG
[72] WANG, YONG WEI, SG
[73] TOSHIBA GLOBAL COMMERCE SOLUTIONS HOLDINGS CORPORATION, JP
[85] 2014-12-23
[86] 2013-06-28 (PCT/JP2013/004060)
[87] (WO2014/002509)
[30] US (13/538,664) 2012-06-29

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[13] C
[51] **Int.Cl. B29C 44/60 (2006.01) B29C 44/00 (2006.01) B29C 67/20 (2006.01)**
[25] EN
[54] **BEAD FOAM COMPRESSION MOLDING METHOD FOR LOW DENSITY PRODUCT**
[54] **PROCEDE DE MOULAGE PAR COMPRESSION D'UNE MOUSSE A PERLES POUR PRODUIT A FAIBLE DENSITE**
[72] BAGHDADI, HOSSEIN A., US
[72] SCHILLER, DENIS, US
[72] YU, SUI-CHIEH J., US
[73] NIKE INNOVATE C.V., US
[85] 2014-12-29
[86] 2013-07-08 (PCT/US2013/049561)
[87] (WO2014/011537)
[30] US (13/545,532) 2012-07-10

[11] 2,878,164
[13] C
[51] **Int.Cl. H04N 21/43 (2011.01) H04N 21/478 (2011.01)**
[25] EN
[54] **METHOD AND APPARATUS FOR PROCESSING DIGITAL SERVICE SIGNAL**
[54] **PROCEDE ET APPAREIL DE TRAITEMENT DE SIGNAL DE SERVICE NUMERIQUE**
[72] OH, SEJIN, KR
[72] KIM, JINPIL, KR
[72] AN, SEUNGJOO, KR
[72] LEE, JINWON, KR
[72] KIM, KYUNGHO, KR
[72] MOON, KYOUNGSOO, KR
[73] LG ELECTRONICS INC., KR
[85] 2014-12-30
[86] 2013-08-28 (PCT/KR2013/007713)
[87] (WO2014/035130)
[30] US (61/694,761) 2012-08-29
[30] US (61/697,272) 2012-09-05
[30] US (61/706,096) 2012-09-26

[11] 2,879,594
[13] C
[51] **Int.Cl. B25B 13/46 (2006.01) B25B 15/04 (2006.01)**
[25] EN
[54] **BIAS AND REVERSING MECHANISM FOR ROLLER CLUTCH RATCHET**
[54] **MECANISMES D'INCLINAISON ET DE RECUL POUR ROCHET A ENGRENAGE A ROULEAU**
[72] ROSS, DAVID, US
[73] SNAP-ON INCORPORATED, US
[86] (2879594)
[87] (2879594)
[22] 2015-01-27
[30] US (14/261,903) 2014-04-25

[11] **2,879,750**
[13] C
[51] **Int.Cl. C12Q 1/04 (2006.01) C12Q 1/02 (2006.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR ANALYZING MICROBIOLOGICAL SUBSTANCES**
[54] **SYSTEMES ET PROCEDES POUR ANALYSER DES SUBSTANCES MICROBIOLOGIQUES**
[72] TUNHEIM, OLA, NO
[72] FREESE, ROBERT P., US
[72] JONES, CHRISTOPHER MICHAEL, US
[72] MACLENNAN, JAMES ROBERT, GB
[73] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2015-01-21
[86] 2013-09-04 (PCT/US2013/058041)
[87] (WO2014/042933)
[30] US (13/616,260) 2012-09-14

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[13] C
[51] **Int.Cl. B65G 17/06 (2006.01) B65G 17/08 (2006.01)**
[25] EN
[54] **LINK MEMBER HAVING REPLACEABLE WEAR COMPONENT**
[54] **ELEMENT DE LIAISON AYANT UN COMPOSANT D'USURE REMPLACABLE**
[72] LACKNER, JOSEPH M., US
[72] STEINHOFF, PAUL, US
[72] LASECKI, JONATHAN R., US
[73] ASHWORTH BROS., INC., US
[85] 2015-01-30
[86] 2013-07-30 (PCT/US2013/052739)
[87] (WO2014/022404)
[30] US (13/562,820) 2012-07-31

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[51] **Int.Cl. C23C 16/50 (2006.01) B30B 15/06 (2006.01) C23C 16/52 (2006.01) H01J 37/32 (2006.01)**
[25] EN
[54] **APPARATUS AND METHOD FOR THE PLASMA COATING OF A SUBSTRATE, IN PARTICULAR A PRESS PLATEN**
[54] **PROCEDE ET DISPOSITIF POUR LE REVETEMENT AU PLASMA D'UN SUBSTRAT, EN PARTICULIER D'UNE TOLE EMBOUTIE**
[72] GEBESHUBER, ANDREAS, AT
[72] HEIM, DANIEL, AT
[72] LAIMER, JOHANN, AT
[72] MULLER, THOMAS, AT
[72] PROSCHEK, MICHAEL, AT
[72] STADLER, OTTO, AT
[72] STORI, HERBERT, AT
[73] BERNDORF HUECK BAND- UND PRESSBLECHTECHNIK GMBH, AT
[85] 2015-02-05
[86] 2013-08-06 (PCT/AT2013/050152)
[87] (WO2014/022872)
[30] AT (A 877/2012) 2012-08-08

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[51] **Int.Cl. H04W 48/08 (2009.01) H04W 48/14 (2009.01)**
[25] EN
[54] **ACCESS TERMINAL CONFIGURATION AND ACCESS CONTROL**
[54] **CONFIGURATION DE TERMINAL D'ACCES ET COMMANDE D'ACCES**
[72] GUPTA, RAJARSHI, US
[72] PALANIGOUNDER, ANAND, US
[72] ULUPINAR, FATIH, US
[72] HORN, GAVIN B., US
[72] AGASHE, PARAG A., US
[72] CHEN, JEN MEI, US
[72] DESHPANDE, MANOJ M., US
[72] BALASUBRAMANIAN, SRINIVASAN, US
[72] NANDA, SANJIV, US
[72] SONG, OSOK, US
[73] QUALCOMM INCORPORATED, US
[86] (2881157)
[87] (2881157)
[22] 2008-10-07
[62] 2,701,924
[30] US (60/978,363) 2007-10-08
[30] US (61/025,686) 2008-02-01
[30] US (61/061,537) 2008-06-13
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[51] **Int.Cl. E02B 3/14 (2006.01) A01G 9/02 (2006.01) E02D 17/20 (2006.01)**
[25] EN
[54] **FIBER BLOCK PLANTING SYSTEM**
[54] **DISPOSITIF DE PLANTATION D'UN BLOC DE FIBRES**
[72] SANTHA, B. LANKA, US
[73] SANTHA, B. LANKA, US
[86] (2882653)
[87] (2882653)
[22] 2015-02-20
[30] US (61/966,493) 2014-02-24
[30] US (14/594,931) 2015-01-12

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[51] **Int.Cl. C22C 21/06 (2006.01) C22F 1/047 (2006.01)**
[25] EN
[54] **INTERCRYSTALLINE CORROSION-RESISTANT ALUMINUM ALLOY STRIP, AND METHOD FOR THE PRODUCTION THEREOF**
[54] **BANDE D'ALLIAGE D'ALUMINIUM RESISTANTE A LA CORROSION INTERCRISTALLINE ET SON PROCEDE DE FABRICATION**
[72] BRINKMAN, HENK-JAN, DE
[72] ENGLER, OLAF, DE
[72] HENTSCHEL, THOMAS, DE
[73] HYDRO ALUMINIUM ROLLED PRODUCTS GMBH, DE
[85] 2015-02-20
[86] 2013-08-22 (PCT/EP2013/067484)
[87] (WO2014/029853)
[30] EP (12181356.2) 2012-08-22

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[13] C
[51] **Int.Cl. G03G 15/06 (2006.01)**
[25] EN
[54] **DEVELOPING DEVICE, DEVELOPING CARTRIDGE, ROTATIONAL FORCE TRANSMITTING PART AND ELECTROPHOTOGRAPHIC IMAGE FORMING APPARATUS**
[54] **DISPOSITIF DE DEVELOPPEMENT, CARTOUCHE DE DEVELOPPEMENT, PIECE DE TRANSMISSION DE FORCE DE ROTATION, ET APPAREIL DE FORMATION D'IMAGE ELECTROPHOTOGRAPHIQUE**
[72] TAKASAKA, ATSUSHI, JP
[72] MIYABE, SHIGEO, JP
[72] UENO, TAKAHITO, JP
[73] CANON KABUSHIKI KAISHA, JP
[86] (2883731)
[87] (2883731)
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[62] 2,728,942
[30] JP (2008-218465) 2008-08-27
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[51] **Int.Cl. E21B 17/03 (2006.01) E21B 17/046 (2006.01)**
[25] EN
[54] **PRESSURE ACTIVATED DOWN HOLE SYSTEMS AND METHODS**
[54] **PROCEDES ET SYSTEMES DE FOND DE TROU A ACTIVATION PAR PRESSION**
[72] ACOSTA, FRANK, US
[72] HELMS, LONNIE CARL, US
[72] KEY, JOHN, US
[72] BUDLER, NICHOLAS, US
[73] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2015-03-09
[86] 2013-10-23 (PCT/US2013/066358)
[87] (WO2014/070552)
[30] US (13/662,695) 2012-10-29

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[13] C
[51] **Int.Cl. G06Q 20/40 (2012.01)**
[25] EN
[54] **METHOD FOR PHONE AUTHENTICATION IN E-BUSINESS TRANSACTIONS AND COMPUTER-READABLE RECORDING MEDIUM HAVING PROGRAM FOR PHONE AUTHENTICATION IN E-BUSINESS TRANSACTIONS RECORDED THEREON**
[54] **PROCEDE D'AUTHENTIFICATION TELEPHONIQUE DANS DES TRANSACTIONS DE COMMERCE ELECTRONIQUE ET SUPPORT D'ENREGISTREMENT LISIBLE PAR ORDINATEUR AYANT UN PROGRAMME ENREGISTRE SUR CELUI-CI POUR UNE AUTHENTIFICATION TELEPHONIQUE DANS DES TRANSACTIONS DE COMMERCE ELECTRONIQUE**
[72] KIM, GWI YEOL, KR
[72] PARK, JU HONG, KR
[73] THINKAT CO.,LTD., KR
[85] 2015-03-10
[86] 2013-05-13 (PCT/KR2013/004229)
[87] (WO2014/042336)
[30] KR (10-2012-0102358) 2012-09-14

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[13] C
[51] **Int.Cl. C01G 49/06 (2006.01)**
[25] EN
[54] **PROCESSING OF IRON OXIDE CONTAINING CHLORIDE**
[54] **TRAITEMENT D'OXYDE DE FER CONTENANT DU CHLORURE**
[72] KONLECHNER, DAVID, AT
[72] WEISSENBAECK, HERBERT, AT
[72] VOGL, DIETER, AT
[72] BARTEL, MATTHIAS, AT
[72] MACH, MICHAELA, AT
[73] CMI UVK GMBH, DE
[85] 2015-03-12
[86] 2012-10-01 (PCT/EP2012/069326)
[87] (WO2013/045692)
[30] DE (102011083863.5) 2011-09-30

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[51] **Int.Cl. G01S 13/50 (2006.01) G01S 13/88 (2006.01) G01S 15/50 (2006.01) G01S 15/88 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR ACOUSTIC DOPPLER VELOCITY PROCESSING WITH A PHASED ARRAY TRANSDUCER**
[54] **SYSTEME ET PROCEDE POUR LE TRAITEMENT DE LA VITESSE DOPPLER ACOUSTIQUE AVEC UN TRANSDUCTEUR A COMMANDE DE PHASE**
[72] VOGT, MARK A., US
[72] BRUMLEY, BLAIR H., US
[72] ROWE, FRAN, US
[73] TELEDYNE INSTRUMENTS, INC., US
[86] (2885595)
[87] (2885595)
[22] 2007-09-27
[62] 2,664,584
[30] US (11/540997) 2006-09-28
[30] US (11/540304) 2006-09-28
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[13] C
[51] **Int.Cl. A43B 13/14 (2006.01) A43B 13/28 (2006.01)**
[25] EN
[54] **ENERGY RETURN SYSTEM**
[54] **SYSTEME DE RETOUR D'ENERGIE**
[72] BUTLER, BARRY A., US
[73] BUTLER, BARRY A., US
[85] 2015-03-25
[86] 2013-09-27 (PCT/US2013/062095)
[87] (WO2014/052704)
[30] US (61/707,344) 2012-09-28
[30] US (13/827,949) 2013-03-14

[11] **2,887,704**
[13] C
[51] **Int.Cl. H01R 13/00 (2006.01) F16L 37/30 (2006.01) H05B 6/10 (2006.01) H05B 6/42 (2006.01)**
[25] EN
[54] **COOLED POWER CONNECTOR WITH SHUT OFF VALVE, INDUCTION HEATING SYSTEM, AND CABLE FOR USE WITH CONNECTOR**
[54] **CONNECTEUR D'ALIMENTATION REFROIDI COMPORTANT UNE VANNE D'ARRET, SYSTEME DE CHAUFFAGE PAR INDUCTION ET CABLE S'UTILISANT AVEC CE CONNECTEUR**
[72] VERHAGEN, PAUL, US
[73] ILLINOIS TOOL WORKS INC., US
[85] 2015-04-08
[86] 2013-10-16 (PCT/US2013/065293)
[87] (WO2014/062836)
[30] US (61/715,089) 2012-10-17
[30] US (14/054,174) 2013-10-15

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[13] C
[51] **Int.Cl. H02P 31/00 (2006.01) H02P 25/00 (2006.01) H04L 12/16 (2006.01) H04L 12/58 (2006.01) H04L 29/06 (2006.01)**
[25] EN
[54] **DRIVE WITH SERVER**
[54] **SYSTEME DE COMMANDE COMPRENANT UN SERVEUR**
[72] DAVIS, WAYNE R., CA
[73] ROCKWELL AUTOMATION TECHNOLOGIES, INC., US
[86] (2887785)
[87] (2887785)
[22] 2006-08-18
[62] 2,618,868
[30] US (60/709,654) 2005-08-19
[30] US (11/329,625) 2006-01-11

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[13] C
[51] **Int.Cl. H04N 19/182 (2014.01) H04N 19/14 (2014.01) H04N 19/176 (2014.01)**
[25] EN
[54] **METHOD AND APPARATUS FOR ENCODING VIDEO BY COMPENSATING FOR PIXEL VALUE ACCORDING TO PIXEL GROUPS, AND METHOD AND APPARATUS FOR DECODING VIDEO BY THE SAME**
[54] **PROCEDE ET APPAREIL DESTINES A CODER UNE VIDEO EN COMPENSANT UNE VALEUR DE PIXEL SELON DES GROUPES DE P!XELS ET PROCEDE ET APPAREIL DESTINES A DECODER UNE VIDEO EN PROCEDANT DE MEME**
[72] ALSHIN, ALEXANDER, KR
[72] ALSHINA ELENA, KR
[72] SHLYAKHOV, NIKOLAY, KR
[73] SAMSUNG ELECTRONICS CO., LTD., KR
[86] (2887786)
[87] (2887786)
[22] 2011-04-05
[62] 2,795,439
[30] KR (10-2010-0031143) 2010-04-05

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[13] C
[51] **Int.Cl. G10L 19/008 (2013.01) G10L 19/032 (2013.01)**
[25] EN
[54] **AN APPARATUS FOR ENCODING AN AUDIO SIGNAL HAVING A PLURALITY OF CHANNELS**
[54] **UN APPAREIL DE CODAGE D'UN SIGNAL AUDIO POSSEDANT UNE PLURALITE DE CANAUX**
[72] KUNTZ, ACHIM, DE
[72] DISCH, SASCHA, DE
[72] HERRE, JURGEN, DE
[72] KUECH, FABIAN, DE
[72] HILPERT, JOHANNES, DE
[73] FRAUNHOFER-GESELLSCHAFT ZUR FORDERUNG DER ANGEWANDTEN FORSCHUNG E.V., DE
[86] (2887939)
[87] (2887939)
[22] 2011-07-06
[62] 2,809,404
[30] US (61/376,980) 2010-08-25

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[13] C
[51] **Int.Cl. B65B 29/02 (2006.01) B65B 47/04 (2006.01) B65B 47/06 (2006.01) B65B 61/20 (2006.01) B65D 85/804 (2006.01)**
[25] EN
[54] **IMPROVEMENT IN OR RELATING TO CAPSULES**
[54] **PERFECTIONNEMENTS APPORTES OU SE RAPPORTANT A DES CAPSULES**
[72] HANSEN, NICHOLAS, GB
[72] NORTON, MARK, GB
[73] KRAFT FOODS R&D, INC., US
[85] 2015-04-09
[86] 2013-10-16 (PCT/IB2013/002515)
[87] (WO2014/060838)
[30] GB (1218848.8) 2012-10-19

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[13] C
[51] **Int.Cl. F01D 9/02 (2006.01) F01D 5/14 (2006.01) F02C 7/00 (2006.01)**
[25] EN
[54] **REDUCTION OF EQUALLY SPACED TURBINE NOZZLE VANE EXCITATION**
[54] **REDUCTION DE L'EXCITATION D'AILETTES DE DISTRIBUTEUR DE TURBINE EQUIDISTANTES**
[72] DUONG, LOC QUANG, US
[72] HU, XIAOLAN, US
[72] YANG, GAO, US
[72] FALCONER, STEVEN R., US
[72] GORDON, RALPH E., US
[72] GARCIA, JESUS A., US
[72] SAPIRO, DAN G., US
[72] KAUL, ULRIKE, US
[72] JOHNSON, GREGORY G., US
[72] FISHLER, BENJAMIN E., US
[73] UNITED TECHNOLOGIES CORPORATION, US
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[54] **RECEPTEUR D'ANCRAGE DE COLONNE DE PRODUCTION QUART-DE-TOUR**
[72] MOORE, EDWARD L., CA
[72] MCARTHUR, CHRISTOPHER S., CA
[72] HOFFMAN, JASEN L., CA
[72] KELM, KEVIN D., CA
[73] TAZCO HOLDINGS INC., CA
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[54] **DENSIFYING CARBON DIOXIDE WITH A DISPERSION OF CARBON DIOXIDE-PHILIC WATER CAPSULES**
[54] **DENSIFICATION DE DIOXYDE DE CARBONE AVEC UNE DISPERSION DE CAPSULES D'EAU AYANT UNE AFFINITE POUR LE DIOXYDE DE CARBONE**
[72] AL-OTAIBI, FAWAZ, SA
[72] KOKAL, SUNIL, SA
[72] SCHMIDT, HOWARD, SA
[72] CHANG, YUN, SA
[73] SAUDI ARABIAN OIL COMPANY, SA
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[54] **OVERSHOT ASSEMBLY AND SYSTEMS AND METHODS OF USING SAME**
[54] **ENSEMBLE CLOCHE DE REPECHAGE AINSI QUE SYSTEMES ET PROCEDES D'UTILISATION DE CE DERNIER**
[72] DRENTH, CHRISTOPHER L., CA
[72] IONDOV, GEORGE, CA
[72] LACHANCE, ANTHONY, CA
[73] BLY IP INC., US
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[54] **SYSTEME ET PROCEDE DE SOUDAGE PAR IMPULSIONS NEGATIVES D'ELECTRODE**
[72] MARSCHKE, BRYAN DUSTIN, US
[72] D'ARCY, AMANDA JEAN, US
[73] ILLINOIS TOOL WORKS INC., US
[85] 2015-05-14
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[54] **MONITORING SYSTEM FOR BOREHOLE OPERATIONS**
[54] **SYSTEME DE CONTROLE POUR OPERATIONS DE TROU DE FORAGE**
[72] HOFFMAN, JOSHUA, US
[72] O'MALLEY, EDWARD, US
[72] JOHNSON, CHARLES, US
[73] BAKER HUGHES INCORPORATED, US
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[54] **PROCEDE ET APPAREIL POUR LA POLYMERISATION D'ETHYLENE SOUS PRESSION ULTRA ELEVEE**
[72] SALMON, B. JAMES, US
[72] WONDERS, ALAN G., US
[72] STRASSER, WAYNE S., US
[73] WESTLAKE LONGVIEW CORPORATION, US
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[54] **DISPOSITIFS MEDICAUX AYANT UN ANCRAGE DE FIXATION**
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[73] BOSTON SCIENTIFIC SCIMED, INC., US
[85] 2015-05-21
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[54] **POLYMERES AUTOASSEMBLANT - VI**
[72] AAMER, KHALED ABDEL-HAKIM HELMY, US
[73] PALL CORPORATION, US
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[54] **DYE-BASED TIME-INDICATING LABEL**
[54] **ETIQUETTE D'INDICATION DE TEMPS A BASE DE COLORANT**
[72] KASPER, MATTHEW M., US
[72] SCHEUER, ADAM D., US
[72] SAVAGIAN, MICHAEL D., US
[73] BRADY WORLDWIDE, INC., US
[85] 2015-05-26
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[54] **FATTY ACID BLENDS AND USES THEREFOR**
[54] **MELANGES D'ACIDES GRAS ET LEURS UTILISATIONS**
[72] KNUTH, MARK E., US
[72] BEETHAM, PETER R., US
[72] WALKER, KEITH A., US
[72] GOCAL, GREGORY FRANCIS WILLIAM, US
[73] NUCELIS INC., US
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[54] **CARNET DE NOTES COPIANT SANS CARBONE**
[72] KUO, TSUNG-TIEN, TW
[72] KUO, HSIEN-MIN, TW
[72] LIN, HO-TSAI, TW
[72] LI, MING-YANG, TW
[73] TAIWAN HOPAX CHEMICALS MFG. CO., LTD., TW
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[87] (2893372)
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[54] **THERMAL CAUTERY DEVICES WITH IMPROVED HEATING PROFILES AND METHOD OF TESTING THERMAL CAUTERY DEVICES**
[54] **DISPOSITIFS DE CAUTERISATION THERMIQUE A PROFILS DE CHAUFFAGE AMELIORES ET PROCEDE D'ESSAI DESDITS DISPOSITIFS DE CAUTERISATION THERMIQUE**
[72] MCGAFFIGAN, THOMAS H., US
[72] ECHEVERRY, JAN M., US
[72] BOUDIN, DONIELLE, US
[72] CARLOTTO, PETER, US
[72] LE, HUY, US
[73] MICROLINE SURGICAL, INC., US
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[54] **FOLDING MACHINE FOR PROCESSING LARGE FORMAT DOCUMENTS**
[54] **PLIEUSE POUR TRAITEMENT DE DOCUMENTS DE GRANDE TAILLE**
[72] MULLER, MARTIN, DE
[72] GROOS, JOCHEN, DE
[72] FRISCH, STEPHAN, DE
[73] ROTH + WEBER GMBH, DE
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[87] (2894124)
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[54] **COMMAND INPUT BASED ON DATA-CARRIER ORIENTATION**
[54] **ENTREE DE COMMANDE BASEE SUR UNE ORIENTATION DE SUPPORT DE DONNEES**
[72] BLOCHLE, HANS, CH
[72] SCHUSTER, KILIAN, CH
[73] INVENTIO AG, CH
[85] 2015-06-08
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[25] EN
[54] **GENERATION OF A COMFORT NOISE WITH HIGH SPECTRO-TEMPORAL RESOLUTION IN DISCONTINUOUS TRANSMISSION OF AUDIO SIGNALS**
[54] **GENERATION D'UN BRUIT DE CONFORT POSSEDANT UNE RESOLUTION SPECTRO-TEMPORELLE ELEVEE DANS LA TRANSMISSION DISCONTINUE DE SIGNAUX AUDIO**
[72] LOMBARD, ANTHONY, DE
[72] DIETZ, MARTIN, DE
[72] WILDE, STEPHAN, DE
[72] RAVELLI, EMMANUEL, DE
[72] SETIAWAN, PANJI, DE
[72] MULTRUS, MARKUS, DE
[73] FRAUNHOFER-GESELLSCHAFT ZUR FORDERUNG DER ANGEWANDTEN FORSCHUNG E.V., DE
[85] 2015-06-10
[86] 2013-12-19 (PCT/EP2013/077525)
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[30] US (61/740,857) 2012-12-21

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[54] **SYSTEMS AND METHODS FOR AUTOMATIC SYNCHRONIZATION OF RECENTLY MODIFIED DATA**
[54] **SYSTEMES ET PROCEDES DE SYNCHRONISATION AUTOMATIQUE DE DONNEES RECEMMENT MODIFIEES**
[72] JAMES, MARTYN ROLAND, US
[72] BAIN, SHANNON LEE, US
[72] DODGE, CHRISTOPHER NATHAN, US
[72] PETERSEN, CHRESTEN D., US
[72] XU, YUETIAN, US
[73] CARBONITE, INC., US
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[54] **FOOTWEAR RETENTION SYSTEMS**
[54] **SYSTEMES DE RETENUE DE CHAUSSURE**
[72] GIBB, GARRETT, US
[72] MODENA, TRISTAN, US
[73] VANS, INC., US
[85] 2015-06-10
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[54] **ELASTIC LAMINATE AND PROCESS FOR THE MANUFACTURE OF ELASTIC LAMINATE**
[54] **STRATIFIE ELASTIQUE ET PROCEDE DE FABRICATION D'UN STRATIFIE ELASTIQUE**
[72] EEN, HANS, SE
[72] BACK, LUCAS, SE
[72] GABRIELII, INGE, SE
[73] SCA HYGIENE PRODUCTS AB, SE
[85] 2015-06-18
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[54] **HYBRID VEHICLE AND CONTROL METHOD THEREFOR**
[54] **VEHICULE HYBRIDE ET PROCEDE DE COMMANDE POUR CELUI-CI**
[72] YAMAZAKI, YUICHIRO, JP
[73] HONDA MOTOR CO., LTD., JP
[85] 2015-06-19
[86] 2013-01-11 (PCT/JP2013/050491)
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[54] **APPARATUS AND METHOD FOR STRAIGHTENING FILAMENTS**
[54] **APPAREIL ET METHODE DE REDRESSEMENT DE FILAMENTS**
[72] RUH, MICHAEL, DE
[73] KARL MAYER TEXTILMASCHINENFABRIK GMBH, DE
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[87] (2896008)
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[54] **SYSTEM FOR MANAGING MINING MACHINE AND METHOD FOR MANAGING MINING MACHINE**
[54] **SYSTEME ET PROCEDE DE GESTION DE MACHINES D'EXPLOITATION MINIERE**
[72] ASADA, HISASHI, JP
[72] DOISHITA, KENJI, JP
[72] TSUBONE, DAI, JP
[72] AKIYAMA, TETSUYA, JP
[72] KUROKAWA, RYOMEI, JP
[73] KOMATSU LTD., JP
[85] 2015-06-23
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[54] **METHODS OF AND APPARATUS FOR MEASURING METAL CLEANLINESS**
[54] **PROCEDES ET APPAREIL PERMETTANT DE MESURER UNE PROPRETE DE METAUX**
[72] THORNTON, GARY, US
[73] NOVELIS INC., US
[85] 2015-06-25
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[54] **METHODS AND SYSTEMS FOR IMPROVED QUENCH TOWER DESIGN**
[54] **PROCEDES ET SYSTEMES DE CONCEPTION DE TOUR DE TREMPE AMELIOREE**
[72] CHOI, CHUN WAI, US
[72] KAPOOR, RAJAT, US
[72] QUANCI, JOHN FRANCIS, US
[73] SUNCOKE TECHNOLOGY AND DEVELOPMENT, LLC, US
[85] 2015-07-09
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[54] **IMPROVED DNA POLYMERASE ACTIVITY ASSAYS AND METHODS ENABLING DETECTION OF VIABLE MICROBES**
[54] **TESTS D'ACTIVITE AMELIOREE D'ADN POLYMERASE ET PROCEDES PERMETTANT LA DETECTION DE MICROBES VIABLES**
[72] O'HARA, SHAWN MARK, US
[72] ZWEITZIG, DANIEL, US
[73] MOMENTUM BIOSCIENCE LTD., GB
[85] 2015-07-02
[86] 2013-01-03 (PCT/US2013/020180)
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[54] **PREPARATION METHOD OF OPTICALLY ACTIVE DIAMINE COMPOUND**
[54] **PROCEDES POUR LA PREPARATION DE DERIVES DIAMINE OPTIQUEMENT ACTIFS**
[72] NAKAMURA, YOSHITAKA, JP
[72] MICHIDA, MAKOTO, JP
[72] KANEDA, TAKESHI, JP
[73] DAIICHI SANKYO COMPANY, LIMITED, JP
[85] 2015-07-09
[86] 2014-03-28 (PCT/JP2014/059247)
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[25] EN
[54] **VARIABLE TG SHAPE MEMORY MATERIALS FOR WELLBORE DEVICES**
[54] **MATERIAUX A MEMOIRE DE FORME A TG VARIABLE POUR DISPOSITIFS DE FORAGE DE PUITS**
[72] CARREJO, NICHOLAS, US
[72] JOHNSON, MICHAEL H., US
[73] BAKER HUGHES INCORPORATED, US
[85] 2015-07-09
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[54] **EVALUATION DE SEGMENTS DE RESERVOIR POUR PLANIFICATION DE PUITS**
[72] URIBE, RUBEN D., US
[72] SEQUEIRA, JOSE J., JR., US
[72] CHENG, YAO-CHOU, US
[73] EXXONMOBIL UPSTREAM RESEARCH COMPANY, US
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[30] US (61/763,171) 2013-02-11

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[25] EN
[54] **CONNECTABLE AND SYNCHRONIZABLE DECORATIVE LIGHT STRING**
[54] **GUIRLANDE DE LUMIERES DECORATIVE POUVANT ETRE CONNECTEE ET SYNCHRONISEE**
[72] KINDERMAN, ISRAEL R., US
[72] WONG, DAVID, US
[73] J. KINDERMAN & SONS, INC., US
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[87] (2897831)
[22] 2015-07-21
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[54] **METHOD AND APPARATUS FOR VIDEO ENCODING FOR EACH SPATIAL SUB-AREA, AND METHOD AND APPARATUS FOR VIDEO DECODING FOR EACH SPATIAL SUB-AREA**
[54] **PROCEDE ET APPAREIL DE CODAGE VIDEO DE CHAQUE SOUS-ZONE SPATIALE ET PROCEDE ET APPAREIL DE DECODAGE DE CHAQUE SOUS-ZONE SPATIALE**
[72] LEE, TAMMY, KR
[72] CHOI, BYEONG-DOO, KR
[73] SAMSUNG ELECTRONICS CO., LTD., KR
[86] (2898147)
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[22] 2013-01-30
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[54] **MEASUREMENT WHILE DRILLING FLUID PRESSURE PULSE GENERATOR**
[54] **GENERATEUR D'IMPULSIONS DE PRESSION DE FLUIDE POUR MESURE EN COURS DE FORAGE**
[72] LOGAN, AARON W., CA
[72] LOGAN, JUSTIN C., CA
[73] EVOLUTION ENGINEERING INC., CA
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[22] 2013-11-06
[62] 2,890,119
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[54] **APPARATUS AND METHOD FOR SELECTING ONE OF A FIRST AUDIO ENCODING ALGORITHM AND A SECOND AUDIO ENCODING ALGORITHM**
[54] **APPAREIL ET PROCEDE POUR SELECTIONNER L'UN D'UN PREMIER ALGORITHME DE CODAGE AUDIO ET D'UN SECOND ALGORITHME DE CODAGE AUDIO**
[72] RAVELLI, EMMANUEL, DE
[72] DOHLA, STEFAN, DE
[72] FUCHS, GUILLAUME, DE
[72] FOTOPOULOU, ELENI, DE
[72] HELMRICH, CHRISTIAN, DE
[73] FRAUNHOFER-GESELLSCHAFT ZUR FORDERUNG DER ANGEWANDTEN FORSCHUNG E.V., DE
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[54] **METHOD FOR MAKING A MULTI-LAYER TUBE**
[54] **PROCEDE DE FABRICATION D'UN TUBE MULTICOUCHE**
[72] SUTHERLIN, RICHARD C., US
[72] HERB, BRETT J., US
[72] GRAHAM, RONALD A., US
[73] ATI PROPERTIES LLC, US
[86] (2899058)
[87] (2899058)
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[54] **METHOD FOR IDENTIFYING POLE SLIP**
[54] **PROCEDE DE RECONNAISSANCE DE GLISSEMENT DE POLE**
[72] FAHRINGER, ALBERT, AT
[73] GE JENBACHER GMBH & CO OG, AT
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[25] EN
[54] **VIDEO IMAGE ENCODING DEVICE, VIDEO IMAGE ENCODING METHOD, VIDEO IMAGE DECODING DEVICE, AND VIDEO IMAGE DECODING METHOD**
[54] **DISPOSITIF DE CODAGE D'IMAGES VIDEO, PROCEDE DE CODAGE D'IMAGES VIDEO, DISPOSITIF DE DECODAGE D'IMAGES VIDEO ET PROCEDE DE DECODAGE D'IMAGES VIDEO**
[72] KOYAMA, JUNPEI, JP
[72] KAZUI, KIMIHIKO, JP
[72] SHIMADA, SATOSHI, JP
[72] NAKAGAWA, AKIRA, JP
[73] FUJITSU LIMITED, JP
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[62] 2,812,653
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[25] EN
[54] **METHODS AND SYSTEMS FOR TALKGROUP-STATE-DEPENDENT ROUTING OF GROUP DATA**
[54] **METHODES ET SYSTEMES D'ACHEMINEMENT DE GROUPES DE DONNEES REPOSANT SUR L'ETAT DU GROUPE DE DISCUSSION**
[72] NATARAHJAN, HARISH, US
[72] KAPOOR, ANUJ, US
[72] MCDONALD, DANIEL J., US
[72] PETRIE, MICHAEL C., US
[73] MOTOROLA SOLUTIONS, INC., US
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[25] EN
[54] **RLAN WIRELESS TELECOMMUNICATION SYSTEM WITH RAN IP GATEWAY AND METHODS**
[54] **SYSTEME DE TELECOMMUNICATION SANS FIL DE RESEAU DE RADIO LOCAL DOTE D'UNE PASSERELLE IP DE RESEAU D'ACCES RADIO ET METHODES**
[72] CHITRAPU, PRABHAKAR R., US
[72] MENON, NARAYAN PARAPPIL, US
[72] OZLUTURK, FATIH M., US
[72] KIERNAN, BRIAN GREGORY, US
[72] RAHMAN, SHAMIN AKBAR, US
[72] CHAO, YI-JU, US
[72] KAZAKEVICH, LEONID, US
[72] HUNKELER, TERESA JOANNE, US
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[25] EN
[54] **ONE-WAY FLOWABLE ANCHORING SYSTEM AND METHOD OF TREATING AND PRODUCING A WELL**
[54] **SYSTEME D'ANCRAGE A ECOULEMENT UNIDIRECTIONNEL ET PROCEDE DE TRAITEMENT ET DE PRODUCTION D'UN PUITS**
[72] STONE, PATRICK C., US
[72] LEHR, DOUGLAS J., US
[72] HERN, GREGORY LEE, US
[72] OBERG, LEVI B., US
[72] RODDY, JIM H., US
[73] BAKER HUGHES INCORPORATED, US
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[54] **MOTORCYCLE IGNITION COIL ASSEMBLY**
[54] **ENSEMBLE DE BOBINE D'ALLUMAGE POUR MOTOCYCLE**
[72] ELLISON, JASON, US
[72] AROTZARENA, JON, US
[73] ACCEL PERFORMANCE GROUP LLC, US
[85] 2015-07-30
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[54] **TRANSMETTEUR DE TEMPERATURE DE PROCEDE A DIAGNOSTIC DE CAPTEUR AMELIORE**
[72] RUD, JASON H., US
[73] ROSEMOUNT INC., US
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[54] **REVERSIBLE CAMOUFLAGE MATERIAL**
[54] **MATERIAU DE CAMOUFLAGE REVERSIBLE**
[72] CASTILLE, MATTHEW J., US
[73] W. L. GORE & ASSOCIATES, INC., US
[85] 2015-08-06
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[25] EN
[54] **COILABLE DUAL WALL CORRUGATED PIPE AND RELATED METHOD**
[54] **TUYAU ONDULE ENROULABLE A DOUBLE PAROI ET PROCEDE CONNEXE**
[72] DOUGLASS, CARL, III, US
[72] LARKINS, JOSEPH, US
[72] TOLIVER, TIMOTHY, US
[73] PRINSCO, INC., US
[85] 2015-08-06
[86] 2014-08-12 (PCT/US2014/050616)
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[25] EN
[54] **ESTRA-1,3,5(10),16-TETRAENE-3-CARBOXAMIDES FOR INHIBITION OF 17.BETA.-HYDROXYSTEROID DEHYDROGENASE (AKR1 C3)**
[54] **□STRA-1,3,5(10),16-TETRAENO-3-CARBOXAMIDE POUR INHIBER LA 17-BETA-HYDROXYSTEROIDE DESHYDROGENASE (AKR1C3)**
[72] BOTHE, ULRICH, DE
[72] BUSEMANN, MATTHIAS, DE
[72] BARAK, NAOMI, DE
[72] ROTGERI, ANDREA, DE
[72] FISCHER, OLIVER MARTIN, DE
[72] MARQUARDT, TOBIAS, DE
[73] BAYER PHARMA AKTIENGESELLSCHAFT, DE
[85] 2015-08-18
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[54] **METHOD OF OPERATING VEHICLE AND ASSOCIATED SYSTEM**
[54] **METHODE D'EXPLOITATION DE VEHICULE ET SYSTEME CONNEXE**
[72] KING, ROBERT DEAN, US
[72] KUMAR, AJITH KUTTANNAIR, US
[72] SEDZIOL, ROLAND SIDNEY, US
[72] SALASOO, LEMBIT, US
[72] RICHTER, TIMOTHY GERARD, US
[73] GENERAL ELECTRIC COMPANY, US
[86] (2901866)
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[25] EN
[54] **POWER GENERATION AND METHANE RECOVERY FROM METHANE HYDRATES**
[54] **PRODUCTION D'ENERGIE ET RECUPERATION DE METHANE A PARTIR D'HYDRATES DE METHANE**
[72] DHANUKA, SULABH K., US
[72] EATON, MICHAEL W., US
[72] HUNTINGTON, RICHARD A., US
[73] EXXONMOBIL UPSTREAM RESEARCH COMPANY, US
[85] 2015-08-25
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[25] EN
[54] **FAUCET BASE RING**
[54] **BAGUE DE BASE DE ROBINET**
[72] DEVRIES, ADAM M., US
[72] THOMAS, KURT JUDSON, US
[72] DAVIDSON, KYLE ROBERT, US
[72] VEROS, MICHAEL J., US
[72] RODENBECK, ROBERT W., US
[73] DELTA FAUCET COMPANY, US
[85] 2015-08-26
[86] 2014-02-19 (PCT/US2014/017107)
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[25] EN
[54] **PHARMACEUTICAL FORMULATION CONTAINING GLYCOSAMINOGLYCAN**
[54] **FORMULATIONS PHARMACEUTIQUES CONTENANT UN GLYCOSAMINOGLYCANE**
[72] CHANG, PAO-HO, TW
[73] AIHOL CORPORATION, US
[85] 2015-08-28
[86] 2013-04-19 (PCT/US2013/037268)
[87] (WO2014/143085)
[30] US (PCT/US2013/031817) 2013-03-15

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[25] EN
[54] **TITANIUM DIOXIDE PIGMENT AND MANUFACTURING METHOD**
[54] **PIGMENT DE DIOXYDE DE TITANE ET PROCEDE DE FABRICATION**
[72] GOPARAJU, VENKATA RAMA RAO, US
[72] MARSHALL, DAVID FRANK, US
[73] TRONOX LLC, US
[85] 2015-09-03
[86] 2014-03-10 (PCT/US2014/022325)
[87] (WO2014/150128)
[30] US (13/840,520) 2013-03-15

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[25] EN
[54] **SYSTEMS AND METHODS FOR GENERATING CARBON DIOXIDE FOR USE AS A REFORMING OXIDANT IN MAKING SYNGAS**
[54] **SYSTEMES ET PROCEDES POUR GENERER DU DIOXYDE DE CARBONE A UTILISER COMME OXYDANT DE REFORMAGE DANS LA PRODUCTION DE GAZ DE SYNTHESE**
[72] MEISSNER, DAVID C., US
[72] STUBBING, MATTHEW C., US
[72] METIUS, GARY E., US
[73] MIDREX TECHNOLOGIES, INC., US
[85] 2015-09-03
[86] 2014-03-11 (PCT/US2014/022945)
[87] (WO2014/164592)
[30] US (61/777,264) 2013-03-12
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[51] **Int.Cl. A61M 25/00 (2006.01)**
[25] EN
[54] **MEDICAL PRODUCT PACKAGE**
[54] **EMBALLAGE DE PRODUIT MEDICAL**
[72] KEARNS, BARBARA J., IE
[72] FOLEY, ADAM J., IE
[72] DOERSCHNER, DAVID L., US
[72] GREYNOLDS, ROBERT A., US
[72] HENRY, JEROME A., IE
[72] RENEHAN, THOMAS, IE
[72] MONTES DE OCA BALDERAS, HORACIO, IE
[72] O'MALLEY, SHANE, IE
[72] MCMENAMIN, MARTIN, IE
[72] MURRAY, MICHAEL G., IE
[72] HENEGHAN, BRENDAN J., IE
[73] HOLLISTER INCORPORATED, US
[85] 2015-09-09
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[54] **APPARATUS AND METHOD FOR MANUFACTURING COIL SCREENS**
[54] **APPAREIL ET METHODE DE FABRICATION DE FILTRES DE BOBINE**
[72] RUH, MICHAEL, DE
[72] FUNK, MICHAEL-HEINZ, DE
[72] SCHRATZ, SIMON, DE
[73] KARL MAYER TEXTILMASCHINENFABRIK GMBH, DE
[86] (2905475)
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[54] **MECHANICALLY-DRIVEN, SONIC TOOTHBRUSH AND WATER FLOSSER**
[54] **BROSSE A DENTS SONIQUE ENTRAINEE MECANIQUEMENT ET NETTOYEUR INTER-DENTAIRE A EAU**
[72] SOKOL, GARY L., US
[72] LUETTGEN, HAROLD A., US
[73] WATER PIK, INC., US
[85] 2015-09-10
[86] 2014-03-17 (PCT/US2014/030736)
[87] (WO2014/145890)
[30] US (61/802,121) 2013-03-15

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[25] EN
[54] **METHOD AND APPARATUS FOR PREVENTING CORROSION OF COMPRESSOR IMPURITY SEPARATION MECHANISM**
[54] **PROCEDE ET APPAREIL POUR EMPECHER LA CORROSION D'UN MECANISME DE SEPARATION D'IMPURETES DE COMPRESSEUR**
[72] NAITO, TOSHIYUKI, JP
[73] IHI CORPORATION, JP
[85] 2015-09-16
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[54] **DERIVE DE N-ACYL O-AMINO PHENOL CBI CYCLIQUE**
[72] BOGER, DALE L., US
[73] THE SCRIPPS RESEARCH INSTITUTE, US
[85] 2015-09-18
[86] 2014-03-20 (PCT/US2014/031338)
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[25] EN
[54] **METHOD OF RECOVERING GOLD FROM GOLD ORES CONTAINING PYRITE**
[54] **PROCEDE DE RECUPERATION D'OR A PARTIR DE MINERAI D'OR CONTENANT DE LA PYRITE**
[72] HATANO, KAZUHIRO, JP
[72] KATSUKAWA, KOJI, JP
[72] SANO, MASAKI, JP
[72] AOTO, YUKI, JP
[72] NAKAMURA, TAKESHI, JP
[73] JX NIPPON MINING & METALS CORPORATION, JP
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[25] EN
[54] **ARRANGEMENT FOR ASSIGNING AND DRILLING BORE HOLES**
[54] **ARRANGEMENT POUR ATTRIBUER ET FORER DES TROUS DE FORAGE**
[72] MUONA, JOUKO, FI
[73] SANDVIK MINING AND CONSTRUCTION OY, FI
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[25] EN
[54] **ANTI-ANGIOGENESIS COMPOUND, INTERMEDIATE AND USE THEREOF**
[54] **COMPOSE ANTI-ANGIOGENESE, INTERMEDIAIRE ET SON UTILISATION**
[72] HOU, RUI, CN
[72] LI, GEN, CN
[73] GUANGZHOU KANGRUI BIOLOGICAL PHARMACEUTICAL TECHNOLOGY CO., LTD., CN
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[54] **POLYPROPYLENE A LARGE POLYDISPERSITE**
[72] GAHLEITNER, MARKUS, AT
[72] HAFNER, NORBERT, AT
[72] GITSAS, ANTONIS, AT
[72] BERNREITNER, KLAUS, AT
[73] BOREALIS AG, AT
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[25] EN
[54] **TELEMETRY OPERATED TOOLS FOR CEMENTING A LINER STRING**
[54] **OUTILS ACTIONNES PAR TELEMETRIE POUR CIMENTER UNE COLONNE PERDUE**
[72] GIROUX, RICHARD LEE, US
[72] PURKIS, DANIEL, GB
[72] DALZELL, RICHARD, GB
[72] DUTHIE, JASON, GB
[72] JAFFREY, IAN, GB
[73] WEATHERFORD TECHNOLOGY HOLDINGS, LLC, US
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[30] US (61/811,007) 2013-04-11
[30] US (61/841,058) 2013-06-28
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[54] **RESOURCE SHARING IN A TELECOMMUNICATIONS ENVIRONMENT**
[54] **PARTAGE DE RESSOURCES DANS UN ENVIRONNEMENT DE TELECOMMUNICATIONS**
[72] TZANNES, MARCOS C., US
[72] LUND, MICHAEL, US
[73] TQ DELTA, LLC, US
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[25] EN
[54] **REELING DEVICE AND METHOD FOR RELEASING AND RETRIEVING A TOWED ARRAY SONAR**
[54] **DISPOSITIF DE DEPLOIEMENT ET PROCEDE POUR DEROULER ET ENROULER UN SONAR REMORQUE**
[72] BARG, ULRICH, DE
[72] LICHT, JOACHIM, DE
[73] ATLAS ELEKTRONIK GMBH, DE
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[25] EN
[54] **TAILGATE LINER AND GAME APPARATUS**
[54] **DOUBLURE D'ABATTANT ET APPAREIL DE JEU DESTINE A UNE DOUBLURE D'ABATTANT**
[72] COYLE, DEVIN, US
[72] WANGELIN, ANTHONY C., US
[73] PENDA CORPORATION, US
[86] (2909293)
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[22] 2015-10-16
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[25] EN
[54] **MECHANICALLY LOCKED DEBRIS BARRIER**
[54] **BARRIERE ANTI-DEBRIS A VERROUILLAGE MECANIQUE**
[72] JORDY, DUSTIN R., US
[73] BAKER HUGHES INCORPORATED, US
[85] 2015-10-14
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[54] **CONNECTOR RECEPTACLE WITH CONTACT SUPPORTS FOR MOISTURE SENSOR**
[54] **PRISE DE CONNECTEUR COMPRENANT SUPPORTS DE CONTACT POUR CAPTEUR D'HUMIDITE**
[72] VARTIAINEN, KENT, SE
[72] HERMANSSON, SOFIA, SE
[72] SIMENSTAD, PER OLE, NO
[73] SCA HYGIENE PRODUCTS AB, SE
[85] 2015-10-28
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[25] EN
[54] **POTATO CULTIVAR F10**
[54] **CULTIVAR DE POMME DE TERRE F10**
[72] RICHAEL, CRAIG, US
[72] ROMMENS, CAIUS, US
[72] WEEKS, TROY, US
[72] YAN, HUA, US
[72] YE, JINGSONG, US
[73] J.R. SIMPLOT COMPANY, US
[85] 2015-10-29
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[87] (WO2014/178913)
[30] US (61/818,752) 2013-05-02

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[25] EN
[54] **POTATO CULTIVAR J55**
[54] **CULTIVAR DE POMME DE TERRE J55**
[72] RICHAEL, CRAIG, US
[72] ROMMENS, CAIUS, US
[72] WEEKS, TROY, US
[72] YAN, HUA, US
[72] YE, JINGSONG, US
[73] J.R. SIMPLOT COMPANY, US
[85] 2015-10-29
[86] 2014-04-29 (PCT/US2014/035809)
[87] (WO2014/179276)
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[25] EN
[54] **POTATO CULTIVAR J3**
[54] **CULTIVAR DE POMME DE TERRE J3**
[72] WEEKS, TROY, US
[72] RICHAEL, CRAIG, US
[72] ROMMENS, CAIUS, US
[72] YAN, HUA, US
[72] YE, JINGSONG, US
[73] J.R. SIMPLOT COMPANY, US
[85] 2015-10-29
[86] 2014-02-25 (PCT/US2014/018161)
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[30] US (61/818,752) 2013-05-02

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[13] C
[51] **Int.Cl. A61N 1/05 (2006.01) A61N 1/36 (2006.01)**
[25] EN
[54] **LEADS WITH SEGMENTED ELECTRODES AND METHODS OF MAKING THE LEADS**
[54] **CONDUCTEURS POURVUS D'ELECTRODES SEGMENTEES ET PROCEDES DE FABRICATION DESDITS CONDUCTEURS**
[72] ROMERO, DANIEL JAMES, US
[72] HOWARD, JOSHUA DALE, US
[73] BOSTON SCIENTIFIC NEUROMODULATION CORPORATION, US
[85] 2015-11-04
[86] 2014-05-23 (PCT/US2014/039433)
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[51] **Int.Cl. A47C 1/026 (2006.01) E05D 11/10 (2006.01)**
[25] EN
[54] **PIVOT FITTING FOR PIECES OF FURNITURE FOR SITTING AND/OR LYING ON**
[54] **FERRURE PIVOTANTE POUR MEUBLE DE TYPE SIEGE ET/OU MEUBLES DE REPOS**
[72] BUCHHOLZ, CHRISTIAN, DE
[73] FERDINAND LUSCH GMBH & CO. KG, DE
[85] 2015-11-06
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[87] (WO2014/180764)
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[51] **Int.Cl. A61M 37/00 (2006.01)**
[25] EN
[54] **MICRONEEDLE TRANSDERMAL DEVICE**
[54] **DISPOSITIF TRANSDERMIQUE A MICRO-AIGUILLES**
[72] CHOWDHURY, DEWAN FAZLUL HOQUE, GB
[73] CHOWDHURY, DEWAN FAZLUL HOQUE, GB
[86] (2912031)
[87] (2912031)
[22] 2008-03-25
[62] 2,683,872
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[51] **Int.Cl. B60N 2/26 (2006.01)**
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[54] **CHILD SAFETY SEAT**
[54] **SIEGE DE SECURITE POUR ENFANT**
[72] FRANK, RICHARD, DE
[72] POWELL, IAIN, DE
[72] BENDJELLAL, FARID, DE
[73] BRITAX ROMER KINDERSICHERHEIT GMBH, DE
[86] (2912034)
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[51] **Int.Cl. G21G 1/00 (2006.01) G01T 1/161 (2006.01) G21F 1/08 (2006.01) G21F 1/10 (2006.01)**
[25] EN
[54] **SELF-ALIGNING RADIOISOTOPE ELUTION SYSTEM**
[54] **SYSTEME D'ELUTION DE RADIOISOTOPES A AUTO-ALIGNEMENT**
[72] HORTON, DUANE L., US
[72] SPETH, ANDREW D., US
[73] MALLINCKRODT NUCLEAR MEDICINE LLC, US
[86] (2913373)
[87] (2913373)
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[51] **Int.Cl. H04W 8/26 (2009.01) H04W 36/00 (2009.01) H04W 60/00 (2009.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR REDUCED LATENCY DURING INITIAL LINK SETUP**
[54] **SYSTEMES ET PROCEDES DE REDUCTION DU TEMPS DE LATENCE DURANT LA CONFIGURATION INITIALE D'UNE LIAISON**
[72] HAWKES, PHILIP MICHAEL, US
[72] CHERIAN, GEORGE, US
[73] QUALCOMM INCORPORATED, US
[85] 2015-11-25
[86] 2014-07-15 (PCT/US2014/046709)
[87] (WO2015/009729)
[30] US (61/846,536) 2013-07-15
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[13] C
[51] **Int.Cl. E21B 7/14 (2006.01)**
[25] EN
[54] **DOWNHOLE DEEP TUNNELING TOOL AND METHOD USING HIGH POWER LASER BEAM**
[54] **OUTIL DE FOND DE TROU POUR CREUSEMENT DE TUNNEL PROFOND ET PROCEDE D'UTILISATION DE FAISCEAU LASER DE PUISSANCE ELEVEE**
[72] BATARSEH, SAMEEH ISSA, SA
[73] SAUDI ARABIAN OIL COMPANY, SA
[85] 2015-12-04
[86] 2014-05-02 (PCT/US2014/036553)
[87] (WO2014/200630)
[30] US (13/914,250) 2013-06-10

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[13] C
[51] **Int.Cl. H04L 12/70 (2013.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR TRAFFIC-AWARE MEDIUM ACCESS SELECTION**
[54] **SYSTEMES ET PROCEDES POUR METTRE EN OEUVRE UNE SELECTION D'ACCES AU SUPPORT SENSIBLE AU TRAFIC**
[72] AU, KELVIN, CA
[72] DJUKIC, PETAR, CA
[72] MA, JIANGLEI, CA
[73] HUAWEI TECHNOLOGIES CO., LTD., CN
[85] 2015-12-10
[86] 2014-04-30 (PCT/CN2014/076628)
[87] (WO2014/180276)
[30] US (13/887,914) 2013-05-06

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[51] **Int.Cl. A61N 5/10 (2006.01) A61M 36/12 (2006.01)**
[25] EN
[54] **RADIOACTIVE THERAPEUTIC DEVICE WITH FIXATION**
[54] **DISPOSITIF THERAPEUTIQUE RADIOACTIF AYANT UN ELEMENT DE FIXATION**
[72] MUNRO, JOHN J., US
[72] HOLLOWS, MATTHEW R., US
[73] SPEC MED INTELLECTUAL PROPERTY, LLC, US
[85] 2015-12-14
[86] 2014-06-18 (PCT/US2014/042938)
[87] (WO2014/205076)
[30] US (61/837,409) 2013-06-20

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[13] C
[51] **Int.Cl. B41J 2/175 (2006.01)**
[25] EN
[54] **CARTRIDGE AND PRINTING MATERIAL SUPPLY SYSTEM**
[54] **SYSTEME D'ALIMENTATION POUR CARTOUCHE ET MATERIAU D'IMPRESSION**
[72] KODAMA, HIDETOSHI, JP
[72] NOZAWA, IZUMI, JP
[72] MIZUTANI, TADAHIRO, JP
[72] MATSUZAKI, KAZUTOSHI, JP
[72] HARADA, KAZUMASA, JP
[72] NAKATA, SATOSHI, JP
[72] KAWATA, HIDETAKA, JP
[73] SEIKO EPSON CORPORATION, JP
[86] (2915590)
[87] (2915590)
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[30] WO (PCT/JP2012/001395) 2012-03-01
[30] US (13/410,461) 2012-03-02
[30] US (13/310,478) 2012-03-02
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[51] **Int.Cl. H01J 49/12 (2006.01) H01J 49/00 (2006.01)**
[25] EN
[54] **DETECTORS AND ION SOURCES**
[54] **DETECTEURS ET SOURCES IONIQUES**
[72] CLARK, ALASTAIR, GB
[72] TAYLOR, STEPHEN JOHN, GB
[72] TURNER, ROBERT BRIAN, GB
[72] MUNRO, WILLIAM ANGUS, GB
[73] SMITHS DETECTION-WATFORD LIMITED, GB
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[87] (2915927)
[22] 2008-04-01
[62] 2,683,913
[30] GB (0707254.9) 2007-04-14

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[13] C
[51] **Int.Cl. E21B 19/22 (2006.01) E21B 7/08 (2006.01) E21B 19/18 (2006.01)**
[25] EN
[54] **OPTIMIZED ROTATION OF A DRILL STRING DURING A SLIDING MODE OF DIRECTIONAL DRILLING**
[54] **ROTATION OPTIMISEE D'UN TRAIN DE TIGES DE FORAGE PENDANT UN MODE GLISSANT D'UN FORAGE DIRECTIONNEL**
[72] DYKSTRA, JASON D., US
[72] SUN, ZHIJIE, US
[73] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2015-12-17
[86] 2013-08-30 (PCT/US2013/057689)
[87] (WO2015/030820)

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[51] **Int.Cl. C21D 9/00 (2006.01) C21D 1/06 (2006.01) C21D 1/18 (2006.01) C23C 8/22 (2006.01) C23C 8/26 (2006.01) C23C 8/80 (2006.01)**
[25] EN
[54] **WEAR-RESISTANT, AT LEAST PARTLY UNCOATED STEEL PART**
[54] **ELEMENT EN ACIER RESISTANT A L'USURE, AU MOINS PARTIELLEMENT NON REVETU**
[72] SIKORA, SASCHA, DE
[72] BANIK, JANKO, DE
[72] WUTTKE, THIEMO, DE
[73] THYSSENKRUPP STEEL EUROPE AG, DE
[85] 2015-12-18
[86] 2014-06-24 (PCT/EP2014/063259)
[87] (WO2015/000740)
[30] DE (10 2013 107 100.7) 2013-07-05

[11] **2,916,240**
[13] C
[51] **Int.Cl. C07C 317/18 (2006.01) C08G 75/02 (2016.01) C08L 81/02 (2006.01) C09J 181/02 (2006.01)**
[25] EN
[54] **MICHAEL ADDITION CURING CHEMISTRIES FOR SULFUR-CONTAINING POLYMER COMPOSITIONS EMPLOYING BIS(SULFONYL)ALKANOLS**
[54] **CHIMIES DE DURCISSEMENT PAR ADDITION DE MICHAEL POUR COMPOSITIONS DE POLYMERES CONTENANT DU SOUFRE FAISANT APPEL A DES BIS(SULFONYL)ALCANOLS**
[72] CAI, JUEXIAO, US
[72] ANDERSON, LAWRENCE G., US
[72] ITO, MARFI, US
[72] LIN, RENHE, US
[73] PRC-DESOTO INTERNATIONAL, INC., US
[85] 2015-12-18
[86] 2014-06-18 (PCT/US2014/042964)
[87] (WO2014/205091)
[30] US (13/923,941) 2013-06-21

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[13] C
[51] **Int.Cl. B65D 5/10 (2006.01) B65D 5/66 (2006.01)**
[25] EN
[54] **CARTON WITH LOCKING FEATURE**
[54] **CARTON AVEC ELEMENT DE VERROUILLAGE**
[72] HAJEK, RONALD E., US
[72] BURKE, BRADLEY J., US
[73] GRAPHIC PACKAGING INTERNATIONAL, INC., US
[85] 2015-12-18
[86] 2014-08-28 (PCT/US2014/053079)
[87] (WO2015/031571)
[30] US (61/959,613) 2013-08-28

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[13] C
[51] **Int.Cl. G02B 6/46 (2006.01) G02B 6/255 (2006.01)**
[25] EN
[54] **FIBER DEMARCATION BOX FOR LAYERING AND STORING COILED FIBER OPTIC CABLING**
[54] **BOITE DE DEMARCATION DE FIBRE POUR LA SUPERPOSITION ET LE STOCKAGE DE CABLAGE DE FIBRE OPTIQUE SPIRALEE**
[72] RAY, CRAIG DWAYNE, US
[73] ALL SYSTEMS BROADBAND, INC., US
[86] (2916588)
[87] (2916588)
[22] 2015-12-31
[30] US (14/587,528) 2014-12-31

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[51] **Int.Cl. B60R 21/207 (2006.01) B60R 21/2338 (2011.01)**
[25] EN
[54] **SIDE AIRBAG DEVICE FOR VEHICLE**
[54] **DISPOSITIF DE COUSSIN GONFLABLE LATERAL POUR VEHICULE**
[72] FUJIWARA, YUSUKE, JP
[73] TOYOTA JIDOSHA KABUSHIKI KAISHA, JP
[85] 2015-12-30
[86] 2014-06-06 (PCT/JP2014/065160)
[87] (WO2015/001912)
[30] JP (2013-139720) 2013-07-03

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[51] **Int.Cl. F24F 13/02 (2006.01) F24F 13/078 (2006.01)**
[25] EN
[54] **DUCT INTERFACE FOR CHILLED BEAM**
[54] **INTERFACE DE CONDUITE DESTINEE A UN FAISCEAU REFROIDI**
[72] HIRSCH, JOACHIM, US
[72] ZHANG, HONGHUI, US
[72] FREEMAN, ERNEST, US
[72] GLASCH, KEITH, US
[73] AIR DISTRIBUTION TECHNOLOGIES IP, LLC, US
[86] (2917678)
[87] (2917678)
[22] 2016-01-14
[30] US (62/104,333) 2015-01-16
[30] US (14/690,197) 2015-04-17

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[13] C
[51] **Int.Cl. F22B 23/00 (2006.01) E21B 43/24 (2006.01) E21B 43/40 (2006.01)**
[25] EN
[54] **STEAM INJECTION BOILER**
[54] **CHAUDIERE A INJECTION DE VAPEUR**
[72] WU, WEIDONG, CN
[72] LUO, WEI, CN
[72] ZHOU, YONG, CN
[72] WU, HAO, CN
[72] MIAO, XINGCHONG, CN
[72] HOU, XIAODONG, CN
[72] HE, JITAO, CN
[72] XU, LIHUA, CN
[73] XINJIANG PETROLEUM ENGINEERING CO., LTD., CN
[86] (2917952)
[87] (2917952)
[22] 2016-01-14
[30] CN (201520813320.9) 2015-10-19

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[51] **Int.Cl. B01D 53/62 (2006.01) B01D 53/14 (2006.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR CAPTURING CARBON DIOXIDE AND MINIMIZING THE PRODUCTION OF CARBON DIOXIDE**
[54] **SYSTEMES ET METHODES DE CAPTURE DU DIOXYDE DE CARBONE ET DE REDUCTION DE LA PRODUCTION DE DIOXYDE DE CARBONE**
[72] MUKHERJI, PARTHOSAROTHY K., IN
[73] SIDEL SYSTEMS USA INC., US
[86] (2918465)
[87] (2918465)
[22] 2016-01-21
[30] US (14/641,255) 2015-03-06

[11] **2,918,640**
[13] C
[51] **Int.Cl. B64D 31/06 (2006.01) B64C 27/12 (2006.01) B64D 31/00 (2006.01) B64D 35/04 (2006.01)**
[25] FR
[54] **MONITORING DEVICE FOR A POWER TRANSMISSION SYSTEM IN AN AIRCRAFT, AIRCRAFT EQUIPPED WITH THIS DEVICE AND PROCESS USED**
[54] **DISPOSITIF DE SURVEILLANCE D'UN SYSTEME DE TRANSMISSION DE PUISSANCE D'UN AERONEF, UN AERONEF MUNI DE CE DISPOSITIF ET LE PROCEDE UTILISE**
[72] VALLART, JEAN-BAPTISTE, FR
[72] TAHERI, SETAREH, FR
[72] LEYDER, SAMUEL, FR
[73] AIRBUS HELICOPTERS, FR
[86] (2918640)
[87] (2918640)
[22] 2016-01-21
[30] FR (15 00166) 2015-01-29

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[13] C
[51] **Int.Cl. F04B 7/00 (2006.01) F04B 7/06 (2006.01) F04B 9/04 (2006.01) F04B 13/02 (2006.01) F04B 53/14 (2006.01) F16K 11/076 (2006.01) F16K 11/085 (2006.01)**
[25] FR
[54] **ROTARY SWINGING SUBASSEMBLY AND DEVICE FOR COINTEGRATED FLUIDIC MULTIPLEXING AND VOLUMETRIC PUMPING OF A FLUID**
[54] **SOUS-ENSEMBLE OSCILLO-ROTATIF ET DISPOSITIF POUR MULTIPLEXAGE FLUIDIQUE ET POMPAGE VOLUMETRIQUE CO-INTEGRES D'UN FLUIDE**
[72] BEARD, JEAN-CLAUDE, FR
[72] WATTELLIER, ARNAUD, FR
[72] DEHAN, CHRISTOPHE, FR
[73] EVEON, FR
[85] 2016-01-21
[86] 2014-06-11 (PCT/FR2014/051416)
[87] (WO2015/011353)
[30] FR (1357188) 2013-07-22

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[13] C
[51] **Int.Cl. B29C 45/77 (2006.01) B29C 45/76 (2006.01)**
[25] EN
[54] **INJECTION MOLDING MACHINES AND METHODS FOR ACCOUNTING FOR CHANGES IN MATERIAL PROPERTIES DURING INJECTION MOLDING RUNS**
[54] **MACHINES A MOULER PAR INJECTION ET PROCEDES TENANT COMPTE DES VARIATIONS DES PROPRIETES DU MATERIAU LORS DES OPERATIONS DE MOULAGE PAR INJECTION**
[72] ALTONEN, GENE MICHAEL, US
[72] MCCONNELL, KIMBERLY NICHOLE, US
[72] BREIDENBACH, VINCENT SEAN, US
[72] GERGOV, MILKO GEORGIEV, US
[73] IMFLUX, INC., US
[85] 2016-01-25
[86] 2014-07-31 (PCT/US2014/049108)
[87] (WO2015/017643)
[30] US (61/861,310) 2013-08-01

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[13] C
[51] **Int.Cl. B29C 45/76 (2006.01) B29C 45/00 (2006.01)**
[25] EN
[54] **INJECTION MOLDING MACHINES AND METHODS FOR ACCOUNTING FOR CHANGES IN MATERIAL PROPERTIES DURING INJECTION MOLDING RUNS**
[54] **MACHINES A MOULER PAR INJECTION ET PROCEDES TENANT COMPTE DES VARIATIONS DES PROPRIETES DU MATERIAU LORS DES OPERATIONS DE MOULAGE PAR INJECTION**
[72] ALTONEN, GENE MICHAEL, US
[72] MCCONNELL, KIMBERLY NICHOLE, US
[72] BREIDENBACH, VINCENT SEAN, US
[72] GERGOV, MILKO GEORGIEV, US
[73] IMFLUX, INC., US
[85] 2016-01-25
[86] 2014-07-31 (PCT/US2014/049150)
[87] (WO2015/017658)
[30] US (61/861,304) 2013-08-01

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[13] C
[51] **Int.Cl. B29C 45/76 (2006.01)**
[25] EN
[54] **INJECTION MOLDING MACHINES AND METHODS FOR ACCOUNTING FOR CHANGES IN MATERIAL PROPERTIES DURING INJECTION MOLDING RUNS**
[54] **MACHINES DE MOULAGE PAR INJECTION ET PROCEDES PERMETTANT DE TENIR COMPTE DE CHANGEMENTS DANS DES PROPRIETES PHYSIQUES DES MATIERES PENDANT DES CAMPAGNES DE MOULAGE PAR INJECTION**
[72] ALTONEN, GENE MICHAEL, US
[72] MCCONNELL, KIMBERLY NICHOLE, US
[72] BREIDENBACH, VINCENT SEAN, US
[72] GERGOV, MILKO GEORGIEV, US
[73] IMFLUX, INC., US
[85] 2016-01-25
[86] 2014-07-31 (PCT/US2014/049158)
[87] (WO2015/017663)
[30] US (61/861,304) 2013-08-01

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[13] C
[51] **Int.Cl. B60W 30/02 (2012.01) B60W 40/10 (2012.01)**
[25] EN
[54] **APPARATUS AND METHOD FOR SWAY CONTROL**
[54] **APPAREIL ET METHODE DE CONTROLE DE BALANCEMENT**
[72] ALLCORN, ROGER, US
[72] MEADOW, JOHN S., US
[73] HAYES TOWING ELECTRONICS LLC, US
[86] (2920398)
[87] (2920398)
[22] 2016-02-09
[30] US (62/261,673) 2015-12-01
[30] US (15/010,228) 2016-01-29

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[13] C
[51] **Int.Cl. G10L 19/035 (2013.01) G10L 19/008 (2013.01)**
[25] EN
[54] **NON-UNIFORM PARAMETER QUANTIZATION FOR ADVANCED COUPLING**
[54] **QUANTIFICATION NON UNIFORME DE PARAMETRES POUR UN COUPLAGE AVANCE**
[72] PURNHAGEN, HEIKO, SE
[72] EKSTRAND, PER, SE
[73] DOLBY INTERNATIONAL AB, NL
[85] 2016-02-23
[86] 2014-09-08 (PCT/EP2014/069040)
[87] (WO2015/036349)
[30] US (61/877,166) 2013-09-12

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[13] C
[51] **Int.Cl. B07B 1/00 (2006.01) B07B 1/28 (2006.01) B07B 1/46 (2006.01) B07B 13/18 (2006.01) C01B 33/02 (2006.01)**
[25] EN
[54] **CLASSIFYING POLYSILICON**
[54] **CLASSIFICATION DE POLYSILICIUM**
[72] SCHNEIDER, ANDREAS, DE
[72] GRUEBL, PETER, DE
[72] HAUSWIRTH, RAINER, DE
[72] PECH, REINER, DE
[73] WACKER CHEMIE AG, DE
[85] 2016-03-03
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[72] FUEG, SIMONE, DE
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[25] EN
[54] **DIGITALLY CONTROLLED HIGH-CURRENT DC TRANSDUCER**
[54] **TRANSDUCTEUR A COURANT CONTINU A FORT COURANT COMMANDE NUMERIQUEMENT**
[72] NGUYEN, HUY D., US
[72] LEE, TOM LIK-CHUNG, US
[73] NEILSEN-KULJIAN, INC., US
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[54] **PORT TRACKING TOOL**
[54] **OUTIL DE REPERAGE D'ORIFICE D'ACCES**
[72] KHERADPIR, LEILA, CA
[72] LAU, WILLIAM WAI-LEUNG, CA
[72] RICHMOND, JOSHUA LEE, CA
[72] SELA, GAL, CA
[73] SYNAPTIVE MEDICAL (BARBADOS) INC., BB
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[54] **REFERENCE DE MAINTIEN DE CYLINDRE DE FREIN**
[72] CONNELL, JASON, US
[72] WRIGHT, ERIC C., US
[73] NEW YORK AIR BRAKE LLC, US
[85] 2017-03-03
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[54] **A HEAD RESTRAINT**
[54] **ELEMENT DE RETENUE DE TETE**
[72] COHEN GAZIT, BEN, IL
[73] ALLDEAL LTD., IL
[85] 2017-03-07
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[54] **TANK AND METHOD OF MANUFACTURING TANK**
[54] **RESERVOIR ET METHODE DE FABRICATION DU RESERVOIR**
[72] TAKEDA, TAKUYA, JP
[72] MORIMOTO, NAOKI, JP
[73] KOMATSU LTD., JP
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[25] EN
[54] **PORTABLE FLEXIBLE SEALING DEVICE FOR GRATED OPENINGS**
[54] **DISPOSITIF D'ETANCHEITE FLEXIBLE PORTATIF POUR OUVERTURES A GRILLE**
[72] CADOGAN, DAVID PHILLIP, US
[72] GLEESON, DANIEL JAMES, US
[72] HINKLE, JONATHAN MICHAEL, US
[72] ROUSHEY, JEFFREY LEWIS, US
[73] ILC DOVER LP, US
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[25] EN
[54] **SHAPED STEEL STACKING DEVICE**
[54] **DISPOSITIF D'EMPILEMENT D'ACIER FORME**
[72] SAKURADA, YASUHIRO, JP
[72] ASADA, HIROSHI, JP
[72] IENARI, TOORU, JP
[72] MATSUZAWA, KATSUYASU, JP
[73] NISSHIN STEEL CO.,LTD., JP
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[25] EN
[54] **CLEANING INSIDE AND ADJACENT SERVICE CONNECTIONS IN PREPARATION FOR PIPE LINING METHOD**
[54] **NETTOYAGE DE CONNEXIONS DE SERVICE INTERIEURES ET ADJACENTES EN VUE DE LA PREPARATION A UN PROCEDE DE REVETEMENT INTERIEUR DE TUYAU**
[72] LILLIE, KEVIN, CA
[72] THOROGOOD, BRIAN, CA
[73] ENVIROLOGICS ENGINEERING INC., CA
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[25] FR
[54] **DEVICES FOR IMPROVING THE PERFORMANCE OF A RACE CAR**
[54] **DISPOSITIFS AMELIORANT LA PERFORMANCE D'UNE VOITURE DE COURSE**
[72] TREMBLAY, VINCENT, CA
[71] TREMBLAY, VINCENT, CA
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[54] **WEAR INDICATOR FOR COATED OR LINED COMPONENTS**
[54] **INDICATEUR D'USURE POUR COMPOSANTS REVETUS OU RECOUVERTS**
[72] BEAUMONT, DARCY L., CA
[71] BEAUMONT, DARCY L., CA
[22] 2016-04-25
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[54] **WEAR SENSOR**
[54] **CAPTEUR D'USURE**
[72] UNKNOWN, ZZ
[71] PALLISER INDUSTRIES INC., CA
[22] 2016-04-25
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[54] **POLYMERIC FILMS AND BAGS**
[54] **PELLICULES POLYMERIQUES ET SACS**
[72] COBLER, BRAD A., US
[71] POLY-AMERICA, L.P., US
[22] 2016-04-25
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[54] **INDUSTRIAL CONTROL SYSTEM SMART HARDWARE MONITORING**
[54] **SURVEILLANCE MATERIELLE INTELLIGENTE DE SYSTEME DE COMMANDE INDUSTRIEL**
[72] GENDELMAN, ILAN, IL
[71] SI-GA DATA SECURITY (2014) LTD., IL
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[54] **MAGNET PISTON MOTOR WITH ENERGIZED FLYWHEEL**
[54] **MOTEUR A PISTON MAGNETIQUE A VOLANT ENERGISE**
[72] IGWEMEZIE, JUDE O., CA
[71] IGWEMEZIE, JUDE O., CA
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[54] **SOCKET HOLDING FRAME**
[54] **CADRE DE SUPPORT DE DOUILLE**
[72] KAO, JUI-CHIEN, TW
[71] KAO, JUI-CHIEN, TW
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[41] 2017-10-26

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[54] **TRANSPORTATION SYSTEM OF AUTONOMOUS VEHICLES THAT SELF-ASSEMBLE INTO ATTACHED TRAINS**
[54] **SYSTEME DE TRANSPORT DE VEHICULES AUTONOMES QUI S'AUTOASSEMBLENT POUR FORMER DES TRAINS ATTACHES**
[72] SHAW, NIGEL A., CA
[71] SHAW, NIGEL A., CA
[22] 2016-04-28
[41] 2017-10-28

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[13] A1
[51] **Int.Cl. E06B 1/04 (2006.01) E06B 1/56 (2006.01)**
[25] FR
[54] **PREFABRICATED SYSTEM AND ASSEMBLY METHOD FOR FRAMES**
[54] **SYSTEME ET METHODE D'ASSEMBLAGE PREFABRIQUE DE CADRES**
[72] LAMOTHE, JOEL, CA
[71] MENUISERIE ARCHITECTURALE JOEL LAMOTHE INC., CA
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[54] **LIANT COPOLYMERIQUE**
[72] DAIGLE, JEAN-CHRISTOPHE, CA
[72] ZAGHIB, KARIM, CA
[71] HYDRO-QUEBEC, CA
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[54] **WASTE BIN PLATFORM, WASTE MANAGEMENT SYSTEM AND METHOD FOR MANAGING WASTE**
[54] **PLATEFORME DE BAC A DECHETS, SYSTEME DE GESTION DES DECHETS ET METHODE DE GESTION DES DECHETS**
[72] TALLIS, JOSEPH EDWARD, CA
[71] TALLIS, JOSEPH EDWARD, CA
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[25] EN
[54] **PIPE COUPLING**
[54] **RACCORD DE TUYAU**
[72] HANDA, JANAK H., CA
[71] PRO-FLANGE LIMITED, CA
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[41] 2017-10-26

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[51] **Int.Cl. B65F 1/06 (2006.01)**
[25] EN
[54] **CONTAINER SYSTEM WITH SUPPORTABLE LINER**
[54] **SYSTEME DE RECIPIENT A DOUBLURE A SUPPORT**
[72] BUSCH, CRAIG, CA
[71] BUSCH SYSTEMS INTERNATIONAL INC., CA
[22] 2016-04-27
[41] 2017-10-27

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[51] **Int.Cl. E02D 17/08 (2006.01) E04H 12/22 (2006.01)**
[25] EN
[54] **TUBULAR INSERT FOR EXCAVATED HOLE WITH SAFETY COVER**
[54] **INSERTION TUBULAIRE DESTINEE A UN TROU EXCAVE DOTEE D'UN COUVERCLE DE SECURITE**
[72] BARTELS, DARREN, CA
[72] BARTELS, DAN, CA
[71] BARTELS, DARREN, CA
[71] BARTELS, DAN, CA
[22] 2016-04-27
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[25] EN
[54] **BROOM ATTACHMENT, BROOM ASSEMBLY AND METHOD FOR USE THEREOF**
[54] **ACCESSOIRE DE BALAI, ENSEMBLE DE BALAI ET METHODE D'UTILISATION ASSOCIEE**
[72] ROBERTSON, CHRISTIAN, CA
[72] HENAULT, SYLVAIN, CA
[71] BALAIS NOMAD INC., CA
[71] LES BROSSES HENAULT INC., CA
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[25] EN
[54] **CARPET TILE AND METHOD OF MANUFACTURING SAME**
[54] **TUILE DE MOQUETTE ET METHODE DE FABRICATION ASSOCIEE**
[72] ECKHARDT, RYAN, CA
[72] ECKHARDT, WALTER, CA
[72] ECKHARDT, MICHAEL, CA
[71] NEXT FLOOR INC., CA
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[25] EN
[54] **HAIR WASHING BASIN**
[54] **CUVETTE DESTINEE AU LAVAGE DES CHEVEUX**
[72] CAITHCART, STACY, CA
[71] CAITHCART, STACY, CA
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[54] **PILLOWOMB**
[54] **COUSSIN PILLOWOMB**
[72] SCOTT, JOEL D., CA
[71] SCOTT, JOEL D., CA
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[25] EN
[54] **MULTI-PURPOSE BUCKET**
[54] **SEAU MULTIUSAGE**
[72] SIRR, CHESTER L., CA
[71] X HAND INC., CA
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[25] EN
[54] **WOOD-DRILL ADAPTER SYSTEMS**
[54] **MECANISMES ADAPTATEURS DE PERCEUSE A BOIS**
[72] LITTLE, BRAD, CA
[71] LITTLE, BRAD, CA
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[54] **ACCELERATED START-UP FOR DUAL-WELL HYDROCARBON RECOVERY OPERATIONS**
[54] **DEMARRAGE ACCELERE DESTINE A DES OPERATIONS DE RECUPERATION D'HYDROCARBURE DOUBLE PUITS**
[72] FADAEI, HOSSEIN, CA
[72] IRANI, MAZDA, CA
[71] SUNCOR ENERGY INC., CA
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[54] **WINEMAKING APPARATUS**
[54] **APPAREIL DE FABRICATION DU VIN**
[72] REHEIS, MARK J., CA
[71] REHEIS, MARK J., CA
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[51] **Int.Cl. G03B 39/00 (2006.01) A61B 1/04 (2006.01) A61B 1/267 (2006.01)**
[25] EN
[54] **A COMPUTER-IMPLEMENTED METHOD FOR MAKING RAPID PERIODIC MOVEMENTS VISIBLE TO THE HUMAN EYE**
[54] **UNE METHODE INFORMATIQUE DE PRODUCTION DE MOUVEMENTS RAPIDES VISIBLES PAR L'OEIL HUMAIN**
[72] BROMWICH, MATTHEW, CA
[72] WEBER, SIEGURD, CA
[71] CLEARWATER CLINICAL LIMITED, CA
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[54] **FILTERING SYSTEM FOR REMOVING CHEMICALS FROM FLUIDS**
[54] **SYSTEME DE FILTRATION DESTINE A ENLEVER LES PRODUITS CHIMIQUES DES FLUIDES**
[72] GRAVES, JAN D., US
[72] GRAVES, GREGORY D., US
[71] GRAVES, JAN D., US
[71] GRAVES, GREGORY D., US
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[54] **ENVELOPE-SHAPED POCKET IN GIFT BAG**
[54] **POCHE EN FORME D'ENVELOPPE DANS UN SAC-CADEAU**
[72] MCCAMBRIDGE, EMILEY IRENE, US
[72] UNGER, CARLY NICHOLE, US
[71] HALLMARK CARDS, INCORPORATED, US
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[51] **Int.Cl. A42B 3/18 (2006.01) A42B 3/04 (2006.01)**
[25] EN
[54] **FACE MASK MOUNTING APPARATUS FOR CONTACT SPORTS HELMETS**
[54] **APPAREILLAGE D'INSTALLATION DE MASQUE FACIAL DESTINE AUX CASQUES DE SPORTS DE CONTACT**
[72] KUNTZ, CARL, CA
[71] KUNTZ, CARL, CA
[22] 2016-09-09
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[25] EN
[54] **MACHINE FOR GENERATING UNSTRUCTURED SYNTAX**
[54] **MACHINE SERVANT A GENERER UNE SYNTAXE NON STRUCTUREE**
[72] GREENE, KEVIN, US
[72] RAMATHAL, NOEL, US
[71] ACCENTURE GLOBAL SOLUTIONS LIMITED, GB
[22] 2016-09-13
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[30] US (62/328,451) 2016-04-27
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[25] EN
[54] **METHODS AND APPARATUS FOR ADAPTIVE MULTISENSOR ANALYSIS AND AGGREGATION**
[54] **METHODES ET APPAREIL D'ANALYSE ET AGGREGATION ADAPTATIVES MULTICAPTEUR**
[72] DEGNAN, JOHN JAMES, US
[72] SIROTA, JACOBO MARCOS, US
[72] FITZSIMMONS, KATHLEEN MARIE, US
[72] FIELD, CHRISTOPHER TREADWELL, US
[72] CEKIC, MIODRAG, US
[71] SIGMA SPACE CORP., US
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[25] EN
[54] **BIOSENSORS COMPRISING A GATE-KEEPER MEMBRANE**
[54] **BIOCAPTEURS COMPORTANT UNE MEMBRANE DE RETENUE DE PORTE**
[72] TANG, XIAOWU, CA
[71] LENANO DIAGNOSTICS INC., CA
[22] 2016-10-11
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[30] CN (201610266687.2) 2016-04-26

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[25] EN
[54] **MODIFIED POLYSACCHARIDES**
[54] **POLYSACCHARIDES MODIFIES**
[72] BELLOVIN, CHRISTOPHER, US
[72] SHEIHET, LARISA, US
[72] NIKOLIC, NIKOLA, US
[71] CORN PRODUCTS DEVELOPMENT, INC., BR
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[41] 2017-10-27
[30] US (15/140,107) 2016-04-27

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[51] **Int.Cl. B24B 7/18 (2006.01) B24B 23/02 (2006.01) B24B 55/10 (2006.01)**
[25] EN
[54] **SANDING APPARATUS**
[54] **APPAREIL DE SABLAGE**
[72] BERNHARDT, THOMAS J., US
[71] BERNHARDT, THOMAS J., US
[22] 2017-01-05
[41] 2017-10-25
[30] US (15/137,903) 2016-04-25

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[51] **Int.Cl. G05B 19/042 (2006.01) H04W 4/04 (2009.01)**
[25] EN
[54] **MOBILE DEVICE FOR BUILDING CONTROL WITH ADAPTIVE USER INTERFACE**
[54] **APPAREIL MOBILE D'ETABLISSEMENT DE CONTROLE D'INTERFACE UTILISATEUR ADAPTATIVE**
[72] KANNAN, KAMAL, US
[72] FERRO, PHILIP J., US
[71] HONEYWELL INTERNATIONAL INC., US
[22] 2017-01-11
[41] 2017-10-28
[30] US (15/140,926) 2016-04-28

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[51] **Int.Cl. A01G 25/09 (2006.01) A01G 27/00 (2006.01)**
[25] EN
[54] **AN IRRIGATION DEVICE**
[54] **UN DISPOSITIF D'IRRIGATION**
[72] KENDALL, JOHN W., CA
[71] KENDALL, JOHN W., CA
[22] 2017-01-25
[41] 2017-10-27
[30] NZ (719443) 2016-04-27
[30] AU (20162044601) 2016-08-02
[30] US (15415824) 2017-01-25

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[51] **Int.Cl. B65D 90/24 (2006.01)**
[25] EN
[54] **FLUID CONTAINERS TO EVACUATE SPILLED FLUID FROM THE INTERIOR OF AN ENCLOSURE OF THE FLUID CONTAINER**
[54] **RECIPIENTS DE FLUIDE SERVANT A EVACUER LE FLUIDE DEVERSE DE L'INTERIEUR D'UNE ENCEINTE DE RECIPIENT DE FLUIDE**
[72] JOCHMAN, NATHAN JOE, US
[71] ILLINOIS TOOL WORKS INC., US
[22] 2017-02-07
[41] 2017-10-28
[30] US (14/140,692) 2016-04-28

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[54] **LIFTING SUPPORT DEVICE AND METHOD OF CONTROLLING OPERATION**
[54] **DISPOSITIF DE SUPPORT DE LEVAGE ET METHODE DE CONTROLE DES OPERATIONS**
[72] KERESTES, JASON, US
[71] THE BOEING COMPANY, US
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[54] **SUPERCRITICAL TRANSIENT STORAGE OF REFRIGERANT**
[54] **ENTREPOSAGE TRANSITOIRE SUPERCRITIQUE DE REFRIGERANT**
[72] KLEMEN, DONALD, US
[72] WILSON, ERIC E., US
[72] SWEENEY, PATRICK C., US
[71] ROLLS-ROYCE CORPORATION, US
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[51] Int.Cl. B64C 13/00 (2006.01) B64C 3/44 (2006.01)
[25] EN
[54] SYSTEM AND METHOD FOR CONTROLLING AIRCRAFT WING FLAP MOTION
[54] SYSTEME ET METHODE DE COMMANDE DU MOUVEMENT HYPERSUSTENSEUR D'UN AERONEF
[72] FINN, MICHAEL RAYMOND, US
[72] MCCORMICK, PATRICK, US
[72] MOY, GEORGE, US
[72] NGUYEN, RENE TOAN, US
[71] THE BOEING COMPANY, US
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[51] Int.Cl. H02K 1/06 (2006.01) H02K 1/12 (2006.01) H02K 1/22 (2006.01) H02P 25/02 (2016.01)
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[54] PERMANENT MAGNET BIASED VIRTUAL ELLIPTICAL MOTOR
[54] MOTEUR ELLIPTIQUE VIRTUEL ORIENTE PAR UN AIMANT PERMANENT
[72] ATMUR, ROBERT J., US
[71] THE BOEING COMPANY, US
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[25] EN
[54] STORAGE AND MIXING SYSTEM WITH COMPRESSIBLE INTERNAL CARTRIDGE FOR PASTY STARTING COMPONENTS
[54] SYSTEME DE RANGEMENT ET DE MELANGE A CARTOUCHE INTERNE COMPRESSIBLE DESTINE A DES COMPOSANTS DE DEMARRAGE PATEUX
[72] VOGT, SEBASTIAN, DE
[72] KLUGE, THOMAS, DE
[71] HERAEUS MEDICAL GMBH, DE
[22] 2017-03-02
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[30] DE (10 2016 107 911.1) 2016-04-28

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[51] Int.Cl. G01N 19/10 (2006.01)
[25] EN
[54] METHOD AND APPARATUS FOR MEASURING THE MOISTURE CONTENT OF PULP MATERIAL ON A WIRE
[54] METHODE ET APPAREIL DE MESURE DE LA TENEUR EN HUMIDITE DE MATIERE PULPEUSE SUR UN FIL
[72] BARTELMUSS, KLAUS, AT
[71] BARTELMUSS, KLAUS, AT
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[54] WEARABLE COOLING APPARATUS
[54] APPAREIL DE REFROIDISSEMENT PORTABLE
[72] BALL, CHERYL ANN, US
[71] BALL, CHERYL ANN, US
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[25] EN
[54] CANOLA SEED SAMPLE CRUSHER
[54] BROYEUR D'ECHANTILLON DE SEMENCE DE CANOLA
[72] DEVLOO, GERARD, CA
[71] DEVLOO, GERARD, CA
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[25] EN
[54] A FUEL FLOW DIVIDER VALVE MOUNTING ARRANGEMENT FOR A GAS TURBINE ENGINE
[54] UNE DISPOSITION D'INSTALLATION DE VANNE DE DIVISION D'UN FLUX DE CARBURANT DESTINE A UNE TURBINE A GAZ
[72] FRYER, MICHAEL A., CA
[71] PRATT & WHITNEY CANADA CORP., CA
[22] 2017-03-21
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[25] FR
[54] AVIONICS SYSTEM TO ASSIST THE IMPLEMENTATION OF SECURITY MEASURES ON BOARD AN AIRCRAFT, AIRCRAFT INCLUDING SUCH A SYSTEM AND ASSOCIATED PROCESS
[54] SYSTEME AVIONIQUE POUR ASSISTER LA MISE EN OEUVRE DE MESURES DE SECURITE A BORD D'UN AERONEF, AERONEF COMPRENANT UN TEL SYSTEME, ET PROCEDE ASSOCIE
[72] SENET, MATHIEU, FR
[71] DASSAULT AVIATION, FR
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[54] **SUCCESSIVE SCREW FASTENER**
[54] **APPAREIL DE FIXATION DE VIS SUCCESSIVES**
[72] ARAI, KUNIHIRO, JP
[72] MISHIMA, SATOSHI, JP
[71] MURO CORPORATION, JP
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[54] **MODELE DE PARTITION DE VALVE UNIDIRECTIONNELLE**
[72] BRANYON, JACOB DONALD PRUE, US
[71] SONOCO DEVELOPMENT, INC., US
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[54] **POWERED WHEEL ASSEMBLY FOR AN AUGER ASSEMBLY**
[54] **ENSEMBLE DE ROUE ELECTRIQUE DESTINE A UN ACCESSOIRE AGRICOLE**
[72] KRAMBLE, DOUGLAS JAMES, CA
[72] REID, ALAN, CA
[71] KRAMBLE INDUSTRIES INC., CA
[22] 2017-04-06
[41] 2017-10-26
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[54] **SCREW CENTRIFUGE FOR WET MECHANICAL SEPARATION OF SOLIDS**
[54] **VIS CENTRIFUGE DESTINEE A LA SEPARATION MECANIQUE HUMIDE DE SOLIDES**
[72] KLIMENTA, STEFAN, DE
[72] FRANC, JOHANN, DE
[71] ANDRITZ TECHNOLOGY AND ASSET MANAGEMENT GMBH, AT
[22] 2017-04-05
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[25] EN
[54] **METHOD FOR CONSTRUCTING IRRIGATED BALLOON CATHETER WITH FLEXIBLE CIRCUIT ELECTRODE ASSEMBLY**
[54] **METHODE DE CONSTRUCTION D'UN CATHETER BALLON IRRIGUE A DISPOSITIF D'ELECTRODE DE CIRCUIT FLEXIBLE**
[72] BEECKLER, CHRISTOPHER, US
[72] KEYES, JOSEPH THOMAS, US
[72] GOVARI, ASSAF, IL
[71] BIOSENSE WEBSTER (ISRAEL) LTD., IL
[22] 2017-04-06
[41] 2017-10-28
[30] US (15/141,751) 2016-04-28
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[25] EN
[54] **SYSTEM AND METHOD FOR RELIEVING HIGH BLOOD SUGAR FACTOR OF DIABETES**
[54] **SYSTEME ET METHODE D'ATTENUATION DU FACTEUR DE GLYCEMIE DES DIABETIQUES**
[72] CHANG, WEN-CHIEH, TW
[71] TAIWAN RESONANT WAVES RESEARCH CORP., TW
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[51] **Int.Cl. B64D 31/00 (2006.01) B64D 35/08 (2006.01)**
[25] EN
[54] **POWER PLANT MANAGEMENT SYSTEM FOR DUAL ENGINE HELICOPTER IN SINGLE ENGINE OPERATION MODE**
[54] **SYSTEME DE GESTION DU GROUPE MOTEUR D'UN HELICOPTEUR A MOTEUR DOUBLE EN MODE DE FONCTION DE MOTEUR SIMPLE**
[72] DUROCHER, ERIC, CA
[72] MORGAN, KEITH, CA
[72] MITROVIC, LAZAR, CA
[71] PRATT & WHITNEY CANADA CORP., CA
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[25] EN
[54] **METHOD OF CONSTRUCTING IRRIGATED BALLOON CATHETER**
[54] **METHODE DE CONSTRUCTION D'UN CATHETER BALLON IRRIGUE**
[72] BEECKLER, CHRISTOPHER, US
[72] KEYES, JOSEPH THOMAS, US
[72] GOVARI, ASSAF, IL
[71] BIOSENSE WEBSTER (ISRAEL) LTD., IL
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[51] **Int.Cl. A61B 18/14 (2006.01) A61M 25/10 (2013.01)**
[25] EN
[54] **IRRIGATED BALLOON CATHETER WITH FLEXIBLE CIRCUIT ELECTRODE ASSEMBLY**
[54] **CATHETER BALLON IRRIGUE A DISPOSITIF D'ELECTRODE DE CIRCUIT FLEXIBLE**
[72] BEECKLER, CHRISTOPHER THOMAS, US
[72] KEYES, JOSEPH THOMAS, US
[72] GOVARI, ASSAF, IL
[71] BIOSENSE WEBSTER (ISRAEL) LTD., IL
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[51] **Int.Cl. G06Q 10/00 (2012.01) G07F 19/00 (2006.01) H04L 12/16 (2006.01) H04L 12/26 (2006.01) H04N 7/18 (2006.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR DISPLAYING A DYNAMIC RISK LEVEL INDICATOR OF AN ATM SITE OR OTHER REMOTE MONITORING SITE ON A MAP FOR IMPROVED REMOTE MONITORING**
[54] **SYSTEMES ET METHODES D'AFFICHAGE D'UN INDICATEUR DE NIVEAU DE RISQUE DYNAMIQUE D'UN SITE DE GUICHET AUTOMATIQUE OU D'AUTRE SITE DE SURVEILLANCE A DISTANCE SUR UN PLAN EN VUE D'UNESURVEILLANCE A DISTANCE AMELIOREE**
[72] MEGANATHAN, DEEPAK SUNDAR, US
[72] SANJEEVI, RUBAN, US
[71] HONEYWELL INTERNATIONAL INC., US
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[51] **Int.Cl. C23C 14/28 (2006.01) C23C 14/08 (2006.01)**
[25] EN
[54] **SYSTEM AND METHODS OF FORMING A MULTILAYER THERMAL BARRIER COATING SYSTEM**
[54] **SYSTEME ET METHODE DE FORMATION D'UN SYSTEME DE REVETEMENT THERMOPROTECTEUR MULTICOUCHE**
[72] CLARK, MICHAEL DAVID, US
[72] KONITZER, DOUGLAS GERARD, US
[71] GENERAL ELECTRIC COMPANY, US
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[51] **Int.Cl. F02K 3/062 (2006.01) B64D 27/10 (2006.01)**
[25] EN
[54] **TURBOFAN ASSEMBLY AND METHOD OF ASSEMBLING**
[54] **ENSEMBLE DE MOTEUR A DOUBLE FLUX ET SA METHODE D'ASSEMBLAGE**
[72] LARICCHIUTA, MARK JOHN, US
[72] MONIZ, THOMAS ORY, US
[71] GENERAL ELECTRIC COMPANY, US
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[25] EN
[54] **AIRFOIL FOR A TURBINE ENGINE**
[54] **PROFIL AERODYNAMIQUE POUR TURBINE A GAZ**
[72] KONITZER, DOUGLAS GERARD, US
[72] BUNKER, RONALD SCOTT, US
[72] BRIGGS, ROBERT DAVID, US
[71] GENERAL ELECTRIC COMPANY, US
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[51] **Int.Cl. F02C 7/14 (2006.01) B64D 33/08 (2006.01) F01D 25/12 (2006.01) F01D 25/18 (2006.01) F02C 7/06 (2006.01) F28D 15/00 (2006.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR THERMALLY INTEGRATING OIL RESERVOIR AND OUTLET GUIDE VANES USING HEAT PIPES**
[54] **SYSTEMES ET METHODES D'INTEGRATION THERMIQUE DE RESERVOIR DE PETROLE ET AUBES DIRECTRICES DE SORTIE EMPLOYANT DES TUYAUX DE CHAUFFAGE**
[72] SENNOUN, MOHAMMED EL HACIN, US
[71] GENERAL ELECTRIC COMPANY, US
[22] 2017-04-13
[41] 2017-10-28
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[51] **Int.Cl. A61L 2/20 (2006.01) A61L 2/24 (2006.01) A61L 2/26 (2006.01)**
[25] EN
[54] **APPARATUS AND METHOD FOR DETECTING MOISTURE IN A VACUUM CHAMBER**
[54] **APPAREILLAGE ET METHODE DE DETECTION D'HUMIDITE DANS UNE CHAMBRE A VIDE**
[72] TRUONG, DOUG VO, US
[72] MORRISON, TODD, US
[71] ETHICON, INC., US
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[51] **Int.Cl. G07F 17/34 (2006.01)**
[25] EN
[54] **GAMING MACHINE WITH SYMBOL RESTRICTION**
[54] **MACHINE DE JEU A RESTRICTION DE SYMBOLE**
[72] WORTMANN, JONATHAN BRUCE, AU
[72] IGESUND, TERENCE, ZA
[71] PRIDEFIELD LIMITED, IM
[22] 2017-04-12
[41] 2017-10-28
[30] GB (1607380.1) 2016-04-28

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[51] **Int.Cl. G01N 5/02 (2006.01) B64D 15/20 (2006.01) B64D 43/00 (2006.01) B64D 45/00 (2006.01)**
[25] EN
[54] **METHOD AND APPARATUS OF DETECTING LIQUID WATER IN A CLOUD**
[54] **METHODE ET APPAREIL DE DETECTION D'EAU LIQUIDE DANS UN NUAGE**
[72] JACKSON, DARREN G., US
[71] ROSEMOUNT AEROSPACE INC., US
[22] 2017-04-11
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[30] US (62/328,984) 2016-04-28
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[51] **Int.Cl. F24H 3/08 (2006.01) F23D 14/66 (2006.01)**
[25] EN
[54] **OPTIMIZATION OF GAS FIRED RADIANT TUBE HEATERS**
[54] **OPTIMISATION DE DISPOSITIFS DE CHAUFFAGE DE TUBE RADIANT AU GAZ**
[72] FILE, GJERGJI, CA
[72] MERRITT, KEVIN, CA
[71] SUPERIOR RADIANT PRODUCTS LTD., CA
[22] 2017-04-18
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[51] **Int.Cl. G02B 6/46 (2006.01) H02G 9/10 (2006.01) H04Q 1/06 (2006.01)**
[25] EN
[54] **STUBBED TERMINAL HOUSING FOR COMMUNICATIONS VAULT OR PEDESTAL**
[54] **LOGEMENT DE TERMINAL D'EMBASE DESTINE A UNE VOUTE OU UN SOCLE DE SERVICE DE COMMUNICATION**
[72] SAFRANEK, TIMOTHY S., US
[72] GWILLIM, ROBERT H., US
[72] SUMMERS, JOHN C., US
[71] CHANNELL COMMERCIAL CORPORATION, US
[22] 2017-04-13
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[30] US (62/329,050) 2016-04-28
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[51] **Int.Cl. G07F 17/34 (2006.01)**
[25] EN
[54] **GAMING MACHINE WITH SYMBOL PROPAGATION**
[54] **MACHINE DE JEU A PROPAGATION DE SYMBOLE**
[72] WORTMANN, JONATHAN BRUCE, AU
[71] PRIDEFIELD LIMITED, IM
[22] 2017-04-13
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[30] GB (1607374.4) 2016-04-28

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[13] A1
[51] **Int.Cl. G07F 17/34 (2006.01)**
[25] EN
[54] **GAMING MACHINE WITH SYMBOL ACCUMULATION**
[54] **MACHINE DE JEU A ACCUMULATION DE SYMBOLES**
[72] WORTMANN, JONATHAN BRUCE, AU
[71] PRIDEFIELD LIMITED, IM
[22] 2017-04-18
[41] 2017-10-28
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[51] **Int.Cl. A47B 96/14 (2006.01) A47B 57/20 (2006.01) A47B 97/00 (2006.01) H01R 25/14 (2006.01) H02J 4/00 (2006.01)**
[25] EN
[54] **VERTICAL SUPPORT FOR SHELVING SYSTEM AND SHELVING SYSTEM**
[54] **SUPPORT VERTICAL DE SYSTEME D'ETAGERE ET SYSTEME D'ETAGERE**
[72] WOODLEY, BRETT, US
[72] WELLS, NATHAN, US
[72] HALLER, ERICH, US
[72] WOOD, GRAHAM, US
[71] OPTO INTERNATIONAL, INC., US
[22] 2017-04-19
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[51] **Int.Cl. F16C 33/12 (2006.01) F16C 33/14 (2006.01) F16C 33/24 (2006.01)**
[25] EN
[54] **BEARING ASSEMBLY WITH HYBRID COATING**
[54] **DISPOSITIF DE PALIER A REVETEMENT HYBRIDE**
[72] SPECKERT, MICHAEL ALLEN, US
[71] INNOVATIVE MECHANICAL SOLUTIONS, LLC, US
[22] 2017-04-19
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[51] **Int.Cl. G01T 1/29 (2006.01) G01N 23/04 (2006.01) A61B 6/03 (2006.01)**
[25] EN
[54] **DETECTOR ASSEMBLY FOR USE IN CT IMAGING SYSTEMS**
[54] **DISPOSITIF DE DETECTEUR DESTINE AUX SYSTEMES D'IMAGERIE PAR TOMODENSITOMETRIE**
[72] BURES, BRIAN LEE, US
[72] BASU, SAMIT KUMAR, US
[71] MORPHO DETECTION, LLC, US
[22] 2017-04-20
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[51] **Int.Cl. G07F 17/34 (2006.01)**
[25] EN
[54] **GAMING MACHINE WITH SYMBOL LOCKING**
[54] **MACHINE DE JEU A BLOCAGE DE SYMBOLE**
[72] WORTMANN, JONATHAN BRUCE, AU
[72] IGESUND, TERENCE, SA
[71] PRIDEFIELD LIMITED, IM
[22] 2017-04-19
[41] 2017-10-28
[30] GB (1607376.9) 2016-04-28

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[51] **Int.Cl. C23C 16/513 (2006.01) C23F 4/02 (2006.01) H05H 1/26 (2006.01)**
[25] EN
[54] **PLASMA APPARATUS**
[54] **APPAREIL AU PLASMA**
[72] YOSHIMURA, TAKUYA, JP
[72] KOIZUMI, MASAFUMI, JP
[72] IDE, KOTARO, JP
[72] ASHITAKA, YU, JP
[71] TOYOTA JIDOSHA KABUSHIKI KAISHA, JP
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[51] **Int.Cl. C10G 1/04 (2006.01)**
[25] EN
[54] **METHOD FOR PRODUCING PIPELINE SPECIFICATION BITUMEN FROM OIL SANDS MINING AND EXTRACTION FACILITIES**
[54] **METHODE DE PRODUCTION DE BITUME DE QUALITE PIPELINE A PARTIR DES INSTALLATIONS D'EXTRACTION ET D'EXPLOITATION DES SABLES BITUMINEUX**
[72] FOURNIER, JOSEPH, CA
[71] US OIL SANDS INC., CA
[22] 2017-04-21
[41] 2017-10-25
[30] US (62/327,175) 2016-04-25

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[51] **Int.Cl. F28D 20/02 (2006.01) F28D 15/02 (2006.01) F28F 3/02 (2006.01) H01L 23/427 (2006.01) H05K 7/20 (2006.01)**
[25] EN
[54] **THERMAL CAPACITANCE SYSTEM**
[54] **DISPOSITIF DE CAPACITE THERMIQUE**
[72] DE BOCK, HENDRIK PIETER JACOBUS, US
[72] VOGEL, JOHN ANTHONY, US
[72] THIAGARAJAN, NAVEENAN, US
[71] GENERAL ELECTRIC COMPANY, US
[22] 2017-04-21
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[30] US (15/139,440) 2016-04-27

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[13] A1
[51] **Int.Cl. G06F 11/00 (2006.01) G06F 9/44 (2006.01)**
[25] EN
[54] **METHOD FOR AUTOMATICALLY VALIDATING DATA AGAINST A PREDEFINED DATA SPECIFICATION**
[54] **METHODE DE VALIDATION AUTOMATIQUE DES DONNEES PAR RAPPORT A DES SPECIFICATIONS DE DONNEES PREDEFINIES**
[72] CHOUDHURY, ABHIJEET, IN
[72] BASAVARAJAPPA, MALLIKARJUN, IN
[72] MENON, ANITA, IN
[72] SHEOKAND, PRAN, IN
[71] ALSTOM TRANSPORT TECHNOLOGIES, FR
[22] 2017-04-20
[41] 2017-10-28
[30] IN (201641014765) 2016-04-28

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[51] **Int.Cl. B62D 55/104 (2006.01) B62B 17/04 (2006.01) B62D 55/07 (2006.01) B62D 55/08 (2006.01)**
[25] EN
[54] **SPINDLE AND SUSPENSION SYSTEM FOR RECREATIONAL VEHICLES**
[54] **PIVOT ET SYSTEME DE SUSPENSION DESTINES AUX VEHICULES RECREATIFS**
[72] VIGEN, DAVID L., US
[72] SIBILLEAU, GUY L., US
[71] ARCTIC CAT INC., US
[22] 2017-04-25
[41] 2017-10-25
[30] US (62/327,022) 2016-04-25

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[13] A1
[51] **Int.Cl. H02M 3/07 (2006.01)**
[25] EN
[54] **ISOLATED STEP-UP CONVERTER**
[54] **CONVERTISSEUR ELEVATEUR ISOLE**
[72] ISURIN, ALEXANDER, US
[72] COOK, ALEXANDER, US
[71] VANNER, INC., US
[22] 2017-04-24
[41] 2017-10-25
[30] US (15/494,063) 2017-04-21
[30] US (62/326,893) 2016-04-25

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[13] A1
[51] **Int.Cl. E21B 33/134 (2006.01)**
[25] EN
[54] **WOUND COMPOSITE CORE FOR MOLDED COMPONENTS**
[54] **NOYAU EN COMPOSITE ENROULE DESTINE A DES COMPOSANTES MOULEES**
[72] TSE, KYLE, US
[72] JARRETT, COLBY, US
[71] TSE, KYLE, US
[71] JARRETT, COLBY, US
[22] 2017-04-25
[41] 2017-10-25
[30] US (62/326,970) 2016-04-25

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[51] **Int.Cl. E06B 1/04 (2006.01) E06B 1/56 (2006.01)**
[25] EN
[54] **REMOVABLE DOOR OR WINDOW FRAME ASSEMBLY**
[54] **ENSEMBLE DE CADRE DE PORTE OU DE FENETRE AMOVIBLE**
[72] LAMOTHE, JOEL, CA
[71] MENUISERIE ARCHITECTURALE JOEL LAMOTHE INC., CA
[22] 2017-04-25
[41] 2017-10-25
[30] CA (2,928,151) 2016-04-25

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[13] A1
[51] **Int.Cl. H01H 71/02 (2006.01) H02B 1/14 (2006.01)**
[25] EN
[54] **BARRIER USABLE WITH ELECTRICAL INTERRUPTION DEVICE AND STRUCTURED TO RESIST THE INSERTION OF PROBE HAVING KNOWN DIMENSIONS**
[54] **BARRIERE UTILISABLE AVEC UN DISPOSITIF D'INTERRUPTION ELECTRIQUE ET STRUCTUREE POUR RESISTER A L'INSERTION DE SONDE AYANT DES DIMENSIONS CONNUES**
[72] JOHNSON, JEFFREY LEE, US
[71] EATON CORPORATION, US
[22] 2017-04-20
[41] 2017-10-28
[30] US (15/140,539) 2016-04-28

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[13] A1
[51] **Int.Cl. A47B 96/06 (2006.01) A47B 47/02 (2006.01) A47B 96/14 (2006.01) B65G 1/02 (2006.01)**
[25] EN
[54] **RACK, LOAD CARRIER AND METHOD OF PRODUCTION**
[54] **SUPPORT, PORTE-CHARGE ET METHODE DE PRODUCTION**
[72] BRUCKNER, GUNTER, DE
[72] BOSL, THOMAS, DE
[72] KETELAAR, STEFAN, DE
[72] MULLER, FABIAN, DE
[71] WITRON LOGISTIK + INFORMATIK GMBH, DE
[22] 2017-04-24
[41] 2017-10-28
[30] DE (10 2016 107 962.6) 2016-04-28
[30] DE (10 2016 120 869.8) 2016-11-02

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[51] **Int.Cl. H03M 13/27 (2006.01) H04H 20/71 (2009.01) H03M 13/11 (2006.01) H03M 13/23 (2006.01)**
[25] EN
[54] **APPARATUS FOR TIME INTERLEAVING AND METHOD USING THE SAME**
[54] **APPAREIL D'ENTRELACAGE TEMPOREL ET METHODE D'UTILISATION ASSOCIEE**
[72] LIM, BO-MI, KR
[72] KWON, SUN-HYOUNG, KR
[72] PARK, SUNG-IK, KR
[72] LEE, JAE-YOUNG, KR
[72] KIM, HEUNG-MOOK, KR
[72] HUR, NAM-HO, KR
[71] ELECTRONICS AND TELECOMMUNICATIONS RESEARCH INSTITUTE, KR
[22] 2017-04-24
[41] 2017-10-26
[30] KR (10-2016-0051128) 2016-04-26
[30] KR (10-2016-0052350) 2016-04-28
[30] KR (10-2017-0047880) 2017-04-13

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[51] **Int.Cl. A63B 22/08 (2006.01) A63B 23/16 (2006.01) A63B 69/00 (2006.01)**
[25] EN
[54] **HOCKEY TRAINING APPARATUS**
[54] **APPAREIL D'ENTRAINEMENT AU HOCKEY**
[72] MILOVICH, BRADLEY, US
[71] MILOVICH, BRADLEY, US
[22] 2017-04-24
[41] 2017-10-25
[30] US (62/327,339) 2016-04-25
[30] US (62/438,014) 2016-12-22

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[51] **Int.Cl. C12P 3/00 (2006.01) C04B 24/00 (2006.01) C04B 28/00 (2006.01) C12N 1/16 (2006.01) C12N 1/20 (2006.01) C12P 1/00 (2006.01)**
[25] FR
[54] **PROCESS FOR OBTAINING A MINERAL CIMENTITIOUS SUBSTANCE**
[54] **PROCEDE D'OBTENTION D'UNE SUBSTANCE MINERALE CIMENTAIRE**
[72] SARRAF, RIAD, FR
[71] SOLETANCHE FREYSSINET, FR
[22] 2017-04-21
[41] 2017-10-25
[30] FR (16/53614) 2016-04-25

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[13] A1
[51] **Int.Cl. B08B 7/04 (2006.01)**
[25] EN
[54] **METHOD AND APPARATUS FOR CLEANING A MACHINE EMPLOYING PERMANENT MAGNETS TO REMOVE FERROUS METALS FROM A FLOW OF MATERIAL**
[54] **METHODE ET APPAREIL DE NETTOYAGE D'UNE MACHINE EMPLOYANT DES AIMANTS PERMANENTS POUR RETIRER LES METAUX FERREUX D'UN FLUX DE MATERIAUX**
[72] MILES, DAVID ROGER, CA
[72] WATSON, PETER THOMAS, CA
[71] DRP VENTURES INC., CA
[22] 2017-04-25
[41] 2017-10-26
[30] US (62/327,804) 2016-04-26

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[13] A1
[51] **Int.Cl. C07K 16/24 (2006.01) C12N 15/13 (2006.01) C12P 21/08 (2006.01)**
[25] EN
[54] **ANTI-IL-33 ANTIBODIES, COMPOSITIONS AND METHODS THEREOF**
[54] **ANTICORPS ANTI-IL-33, COMPOSITIONS ET METHODES ASSOCIEES**
[72] BLOOM, LAIRD, US
[72] NOCKA, KARL HENRY, US
[72] APGAR, JAMES REASONER, US
[72] FARMER, MARK A., IE
[72] LAMBERT, MATTHEW ALLISTER, IE
[71] PFIZER INC., US
[22] 2017-04-24
[41] 2017-10-27
[30] US (62/328,294) 2016-04-27
[30] US (62/483,781) 2017-04-10

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[13] A1
[51] **Int.Cl. G07F 17/24 (2006.01)**
[25] EN
[54] **PARKING TERMINAL AND METHOD FOR OPERATING A PARKING TERMINAL**
[54] **BORNE DE STATIONNEMENT ET METHODE D'EXPLOITATION D'UNE BORNE DE STATIONNEMENT**
[72] FELLNER, FRANZ, DE
[71] SKIDATA AG, AT
[22] 2017-04-24
[41] 2017-10-26
[30] EP (16167007.0) 2016-04-26

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[13] A1
[51] **Int.Cl. G01N 37/00 (2006.01) G01N 27/82 (2006.01)**
[25] EN
[54] **METHOD AND APPARATUS FOR MATERIAL IDENTIFICATION OF PIPELINES AND OTHER TUBULARS**
[54] **METHODE ET APPAREIL D'IDENTIFICATION MATERIELLE DES PIPELINES ET AUTRES TUBULURES**
[72] GIRRELL, BRUCE L., US
[72] VIEAU, DEAN M., US
[72] CHIRINOS, JOHANA M., US
[72] SPENCER, DOUGLAS W., US
[72] BRUCE, TRENTON M., US
[72] REINHOLD, JABIN D., US
[71] MICROLINE TECHNOLOGY CORPORATION, US
[22] 2017-04-25
[41] 2017-10-26
[30] US (15/495,108) 2017-04-24
[30] US (62/327,645) 2016-04-26

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[13] A1
[51] **Int.Cl. G07C 9/02 (2006.01)**
[25] EN
[54] **ACCESS CONTROL DEVICE FOR PERSONS OR DEVICE FOR COUNTING PERSONS DESIGNED AS A TURNSTILE**
[54] **DISPOSITIF DE CONTROLE D'ACCES DESTINE AUX PERSONNES OU COMPTEUR DE PERSONNES DESIGNEES DANS UN TOURNIQUET**
[72] EBNER, JOHANN, AT
[71] SKIDATA AG, AT
[22] 2017-04-24
[41] 2017-10-26
[30] EP (16167003.9) 2016-04-26

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[13] A1
[51] **Int.Cl. A61B 34/20 (2016.01) A61B 34/00 (2016.01) A61B 90/90 (2016.01)**
[25] EN
[54] **MEDICAL INSTRUMENT TRACKING INDICATOR SYSTEM**
[54] **DISPOSITIF INDICATEUR DE SUIVI D'INSTRUMENT MEDICAL**
[72] BAILEY, BRENT ANDREW, CA
[72] SRIMOHANARAJAH, KIRUSHA, CA
[71] SYNAPTIVE MEDICAL (BARBADOS) INC., BB
[22] 2017-04-26
[41] 2017-10-27
[30] US (15/139,620) 2016-04-27

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[13] A1
[51] **Int.Cl. E04B 2/82 (2006.01)**
[25] EN
[54] **WALL PANEL ANGLED CONNECTOR SYSTEM**
[54] **SYSTEME DE RACCORD D'ANGLE DE PANNEAU MURAL**
[72] KOPISH, ANDREW J., US
[72] LAFLEUR, TIMOTHY JOHN, US
[72] QUINTAL, NATHAN A., US
[71] KRUEGER INTERNATIONAL, INC., US
[22] 2017-04-25
[41] 2017-10-27
[30] US (62/328,083) 2016-04-27
[30] US (15/490,369) 2017-04-18

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[13] A1
[51] **Int.Cl. H02G 13/00 (2006.01) E04B 1/92 (2006.01) E04D 13/00 (2006.01) H02G 3/22 (2006.01)**
[25] EN
[54] **THROUGH ROOF CONNECTOR ASSEMBLY**
[54] **DISPOSITIF DE RACCORD DE TOIT**
[72] MERRILL, ANTONI PAUL, GB
[72] GROCOCK, MARTIN JOHN, GB
[71] THOMAS & BETTS INTERNATIONAL LLC, US
[22] 2017-04-25
[41] 2017-10-27
[30] US (62/328,091) 2016-04-27

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[13] A1
[51] **Int.Cl. H01R 11/11 (2006.01) H01F 27/29 (2006.01) H01R 11/32 (2006.01)**
[25] EN
[54] **PAD EXTENDING MEMBER**
[54] **ELEMENT D'EXTENSION DE PLAQUETTE**
[72] BAKER, BARRY LYNN, US
[71] HUBBELL INCORPORATED, US
[22] 2017-04-25
[41] 2017-10-28
[30] US (62/328,898) 2016-04-28

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[13] A1
[51] **Int.Cl. E06B 7/21 (2006.01) E06B 7/20 (2006.01)**
[25] EN
[54] **SELF-LIFTING SEALING APPARATUS FOR THE BOTTOM EDGE OF A DOOR**
[54] **APPAREIL D'ETANCHEISATION A RELEVEMENT AUTOMATIQUE DESTINE AU BORD DE BAS D'UNE PORTE**
[72] MENG, CHEN YUAN, CN
[71] CMECH (GUANGZHOU), LTD., CN
[22] 2017-04-25
[41] 2017-10-26
[30] US (15/138,590) 2016-04-26

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[51] **Int.Cl. A47C 5/00 (2006.01) A47C 4/04 (2006.01) A47C 7/62 (2006.01) A47C 9/00 (2006.01) A47C 31/12 (2006.01) A61B 5/00 (2006.01) A61B 5/11 (2006.01)**
[25] EN
[54] **ERGONOMIC CHAIR MADE FROM PAPER SUBSTRATE WITH EMBEDDED SENSOR, COMPUTER READABLE MEDIUM FOR INTERACTING WITH THE CHAIR, METHOD OF MAKING THE CHAIR OR OTHER STRUCTURES FROM PAPER SUBSTRATE**
[54] **CHAISE ERGONOMIQUE FAITE D'UN SUBSTRAT DE PAPIER A CAPTEUR INTEGRE, SUPPORT LISIBLE A L'3RDINATEUR DESTINE A INTERAGIR AVEC LA CHAISE, METHODE DE FABRICATION DE LA CHAISE ET AUTRES STRUCTURES FAITES DU SUBSTRAT EN PAPIER**
[72] DANIELSON, PATRICK ALLEN, CA
[71] DANIELSON, PATRICK ALLEN, CA
[22] 2017-04-26
[41] 2017-10-27
[30] US (62/328,230) 2016-04-27

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[13] A1
[51] **Int.Cl. B60T 13/68 (2006.01) B60T 13/26 (2006.01) B60T 15/36 (2006.01)**
[25] EN
[54] **VALVE MODULE FOR AN AIR BRAKING SYSTEM OF A HEAVY VEHICLE**
[54] **MODULE DE SOUPAPE DESTINE A UN SYSTEME DE FREINAGE PNEUMATIQUE D'UN VEHICULE LOURD**
[72] HOWELL, DAVID W., US
[72] NIGLAS, PAUL C., US
[72] TOBER, MICHAEL D., US
[72] WIEDER, GERHARD, DE
[71] BENDIX COMMERCIAL VEHICLE SYSTEMS LLC, US
[22] 2017-04-26
[41] 2017-10-28
[30] US (15/141,110) 2016-04-28

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[13] A1
[51] **Int.Cl. G06Q 10/08 (2012.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR INVENTORY MANAGEMENT OF RETAIL PRODUCTS**
[54] **SYSTEMES ET METHODES DE GESTION DE STOCKS DE PRODUITS DE VENTE AU DETAIL**
[72] THOMPSON, JOHN P., US
[72] TAYLOR, ROBERT C., US
[71] WAL-MART STORES, INC., US
[22] 2017-04-26
[41] 2017-10-27
[30] US (62/328,278) 2016-04-27

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[13] A1
[51] **Int.Cl. G01L 23/00 (2006.01) F01D 17/08 (2006.01) G01L 27/02 (2006.01)**
[25] EN
[54] **CORRECTION OF PRESSURE MEASUREMENTS IN ENGINES**
[54] **CORRECTION DES MESURES DE PRESSION DANS LES MOTEURS**
[72] RICCI, THOMAS TREVOR, CA
[72] DAY, CHRISTOPHER, CA
[71] PRATT & WHITNEY CANADA CORP., CA
[22] 2017-04-25
[41] 2017-10-25
[30] US (62/327,117) 2016-04-25
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[13] A1
[51] **Int.Cl. H05B 37/02 (2006.01)**
[25] EN
[54] **BI-LEVEL LOW VOLTAGE DIMMING CONTROLLER FOR LIGHTING DRIVERS**
[54] **COMMANDE DE VARIATEUR DE BASSE TENSION A DEUX NIVEAUX DESTINEE A DES MOTEURS D'ECLAIRAGE**
[72] SANGHVI, ANKIT, US
[71] RAB LIGHTING INC., US
[22] 2017-04-25
[41] 2017-10-26
[30] US (62/327,727) 2016-04-26
[30] US (62/336,924) 2016-05-16

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[13] A1
[51] **Int.Cl. B65D 43/16 (2006.01) B65D 43/02 (2006.01)**
[25] EN
[54] **CONTAINER WITH SELF-ALIGNING LID**
[54] **CONTENANT A COUVERCLE A ALIGNEMENT AUTOMATIQUE**
[72] BARBIER, MARCO TULIO, US
[72] ECHANIZ, HECTOR, US
[71] EASYPAK LLC, US
[22] 2017-04-25
[41] 2017-10-26
[30] US (62/327,481) 2016-04-26
[30] US (15/490,573) 2017-04-18

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[13] A1
[51] **Int.Cl. H03H 9/15 (2006.01) H03H 9/125 (2006.01) H03H 9/46 (2006.01)**
[25] EN
[54] **RESONATOR AND FILTER WITH RESONATOR**
[54] **RESONNATEUR ET FILTRE DOTE D'UN RESONNATEUR**
[72] KAESSER, TOBIAS, DE
[71] TESAT-SPACECOM GMBH & CO. KG, DE
[22] 2017-04-26
[41] 2017-10-28
[30] DE (DE 10 2016 107 955.3) 2016-04-28

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[13] A1
[51] **Int.Cl. G01B 21/32 (2006.01) G01B 11/16 (2006.01) G01B 21/02 (2006.01) G01B 11/24 (2006.01)**
[25] EN
[54] **METHOD FOR MEASURING LAMINATED IRON CORE**
[54] **METHODE DE MESURE DE NOYAU DE FER STRATIFIE**
[72] KATO, GO, JP
[72] FUKUMOTO, TAKASHI, JP
[72] NAMAIKE, KAZUKI, JP
[72] ONO, SYOICHI, JP
[71] MITSUI HIGH-TEC, INC., JP
[22] 2017-04-25
[41] 2017-10-26
[30] JP (2016-087955) 2016-04-26

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[13] A1
[51] **Int.Cl. H04L 12/22 (2006.01) H04N 21/254 (2011.01) H04L 9/32 (2006.01)**
[25] EN
[54] **STREAMLINED DIGITAL RIGHTS MANAGEMENT**
[54] **GESTION SIMPLIFIEE DE DROITS NUMERIQUES**
[72] PARK, KYONG, US
[71] COMCAST CABLE COMMUNICATIONS, LLC, US
[22] 2017-04-24
[41] 2017-10-27
[30] US (15/139,787) 2016-04-27

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[13] A1
[51] **Int.Cl. F24H 9/20 (2006.01) F24H 1/14 (2006.01) F24H 1/40 (2006.01)**
[25] EN
[54] **IGNITION TEMPERATURE CONTROL APPARATUS OF GAS WATER HEATER**
[54] **APPAREIL DE COMMANDE DE TEMPERATURE D'ALLUMAGE D'UN CHAUFFE-EAU AU GAZ**
[72] QUI, BU, CN
[72] BI, DAYAN, CN
[72] CAI, MAOHU, CN
[72] LI, WEI, CN
[71] A. O. SMITH (CHINA) WATER HEATER CO., LTD., CN
[22] 2017-04-25
[41] 2017-10-26
[30] CN (2016102669368) 2016-04-26

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[13] A1
[51] **Int.Cl. B65D 5/18 (2006.01)**
[25] EN
[54] **CARTON AND BLANK THEREFOR**
[54] **CARTON ET EBAUCHE ASSOCIEE**
[72] HAYSLETTE, DAVID T., US
[72] WALLING, BRADFORD J., US
[72] ZACHERLE, MATTHEW E., US
[71] WESTROCK PACKAGING SYSTEMS, LLC, US
[22] 2017-04-27
[41] 2017-10-28
[30] US (62/328,852) 2016-04-28

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[13] A1
[51] **Int.Cl. E04B 2/74 (2006.01) E04B 2/56 (2006.01) E04B 2/72 (2006.01)**
[25] EN
[54] **GLASS AND SOLID WALL PANEL SYSTEM**
[54] **SYSTEME DE PANNEAUX MURAUX PLEINS ET EN VERRE**
[72] KOPISH, ANDREW J., US
[72] LAFLEUR, TIMOTHY JOHN, US
[72] QUINTAL, NATHAN A., US
[71] KRUEGER INTERNATIONAL, INC., US
[22] 2017-04-26
[41] 2017-10-27
[30] US (62/328,086) 2016-04-27
[30] US (15/492,547) 2017-04-20

[21] **2,965,263**
[13] A1
[51] **Int.Cl. E02F 9/28 (2006.01)**
[25] EN
[54] **EXCAVATOR TOOTH RETENTION APPARATUS**
[54] **APPAREIL DE RETENUE DE DENT D'EXCAVATEUR**
[72] KNIGHT, GARRETT D., CA
[72] SMITH, MURRAY A., CA
[71] RAPTOR MINING PRODUCTS INC., CA
[22] 2017-04-27
[41] 2017-10-28
[30] US (62391362) 2016-04-28

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[13] A1
[51] **Int.Cl. G01M 15/00 (2006.01)**
[25] EN
[54] **METHOD AND SYSTEM FOR EVALUATION OF ENGINE CONDITION**
[54] **METHODE ET SYSTEME D'EVALUATION DE L'ETAT D'UN MOTEUR**
[72] JEAN, MAURICE, CA
[71] PRATT & WHITNEY CANADA CORP., CA
[22] 2017-04-25
[41] 2017-10-25
[30] US (15/137,841) 2016-04-25

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[13] A1
[51] **Int.Cl. B60C 25/125 (2006.01)**
[25] EN
[54] **DEVICE FOR UNSEATING TIRE BEADS FROM RIMS**
[54] **DISPOSITIF SERVANT A DEGAGER LES TALONS DES JANTES DE ROUE**
[72] MALENFANT, YVAN, CA
[71] RD MALENFANT INC., CA
[22] 2017-04-27
[41] 2017-10-27
[30] US (62/328,594) 2016-04-27

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[13] A1
[51] **Int.Cl. B01D 53/047 (2006.01)**
[25] EN
[54] **METHOD AND INDUSTRIAL PLANT FOR OBTAINING HELIUM FROM A HELIUM-CONTAINING FEED GAS**
[54] **METHODE ET INSTALLATION INDUSTRIELLE SERVANT A OBTENIR DE L'HELIUM A PARTIR D'UN GAZ D'ALIMENTATION RENFERMANT DE L'HELIUM**
[72] KELLER, TOBIAS, DE
[72] VOSS, CHRISTIAN, DE
[72] BAUER, MARTIN, DE
[72] JENNEWEIN, FRANK, DE
[71] LINDE AKTIENGESELLSCHAFT, DE
[22] 2017-04-27
[41] 2017-10-28
[30] EP (16000961.9) 2016-04-28

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[13] A1
[51] **Int.Cl. F24B 1/182 (2006.01) F23B 20/00 (2006.01)**
[25] EN
[54] **FIRE PIT SYSTEMS AND METHODS OF MAKING AND USING THE SAME**
[54] **SYSTEMES DE FOYER ET METHODES DE FABRICATION ET D'UTILISATION DESDITS SYSTEMES**
[72] HORNE, STEBIN III, US
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[54] **ENSEMBLE DE STRATIFICATION DESTINE A LA PRODUCTION DE STATORS ET DE ROTORS DE MOTEURS ELECTRIQUES ET DE GENERATEURS**
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[72] HERTFELDER, MARC, DE
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[54] **MECANISME DE LEVAGE DE COUVERCLE DE BARGE ET METHODE**
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[71] GREENFIELD PRODUCTS LLC, US
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[54] **SYSTEME DE PERCEPTION D'INTELLIGENCE ARTIFICIELLE INTERCHANGEABLE ET METHODES**
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[72] BLACKBURN, ISAIAH, US
[72] CICHON, CHRIS, US
[71] SMOKESCREEN INTELLIGENCE, LLC, US
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[54] **SYSTEMES ET METHODES D'AMELIORATION DE L'ORIENTATION OU DE LA NAVIGATION DE PLATEFORME AU MOYEN DE SIGNAUX CODES UNIQUEMENT**
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[72] CARLE, STEVE, US
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[72] JOSHI, KULBHUSHAN, US
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[72] GOODWIN, MAX, US
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[72] ATCHLEY, MICHAEL D., US
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[54] **COLLECTEUR MODULAIRE ELECTROPNEUMATIQUE DESTINE AU CONTROLE D'UN MECANISME D'ACCES ACTIONNE DE MANIERE PNEUMATIQUE**
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[54] **DISPOSITIF DE SOULEVEMENT OU SUPPORT D'UNE CHARGE, ET ELEMENTS ET CONNECTEURS DESTINES AUDIT DISPOSITIF**
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[54] **UNE METHODE ET UN APPAREIL DE SEPARATION D'AU MOINS UN OBJET D'UNE PLURALITE D'OBJETS**
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[72] KUJALA, JANNE, FI
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[54] **METHODE DE CONVERSION D'UN COMPOSE CRISTALLIN EN UN COMPOSE AMORPHE, METHODE D'ACCROISSEMENT DE LA SOLUBILITE D'UN COMPOSE CRISTALLIN DANS UN FLUIDE PERTINENT BIOLOGIQUEMENT ET NANOPARTICULES PERMETTANT LA SUPER SATURATION**
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[72] FU, HUIJING, US
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[71] MOLECULAR INSIGHT PHARMACEUTICALS, INC., US
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[54] **PROMEDICAMENTS DE CARBIDOPA ET L-DOPA ET METHODES D'UTILISATION**
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[72] MACKEY, SEAN E., US
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[71] LABORATOIRE MEDIDOM SA, CH
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[54] **EXTRAITS DE CANNABIS ET PROCEDES DE PREPARATION ET D'UTILISATION**
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[72] TANIS, VIRGINIA, US
[72] KINZEL, OLAF, DE
[72] GEGE, CHRISTIAN, DE
[72] STEENECK, CHRISTOPH, DE
[72] KLEYMANN, GERALD, DE
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[72] TEBBEN, ANDREW J., US
[72] AHMAD, SALEEM, US
[71] BRISTOL-MYERS SQUIBB COMPANY, US
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[72] LEVIN, DORON, US
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[72] MISEO, SABATO, US
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[54] **PROCEDE DE PREPARATION D'ESTERS ETHYLIQUES DE L'ACIDE 1-(2-HALOGENE-ETHYL)-4 PIPERIDINE CARBOXYLIQUE**
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[72] COLLI, CORRADO, IT
[72] BIANCHI, ALDO, IT
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[72] DALY, ADRIAN FRANCIS, ES
[72] FAUCZ, FABIO RUEDA, US
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[72] RECKE, CHRISTIAN VON DER, DK
[72] CHRISTENSEN, TOBIAS S., DK
[72] ANDREASEN, HANS, DK
[72] THOMSEN, LARS LYKKE, DK
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[72] HERZOG, MARIELLE, BE
[72] ECCLESTON, MARK EDWARD, BE
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[54] **APPORT DE PROTEINES CHARGEES NEGATIVEMENT A L'AIDE DE LIPIDES CATIONIQUES**
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[54] **NOUVEAUX INHIBITEURS DE DIHETEROARYL HISTONE DEACETYLASE ET LEUR UTILISATION EN THERAPIE**
[72] SHUTTLEWORTH, STEPHEN JOSEPH, GB
[72] CECIL, ALEXANDER RICHARD LIAM, GB
[72] MACCORMICK, SOMHAIRLE, GB
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[54] **COMPOSITIONS A BASE D'IL-12 ET METHODES D'UTILISATION DANS LA RECUPERATION HEMATOLOGIQUE**
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[71] NEUMEDICINES, INC., US
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[54] **UTILISATIONS DE L'IL-12 COMME IMMUNOTHERAPIE HEMATOPOIETIQUE (HIT)**
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[71] NEUMEDICINES, INC., US
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[54] **COMPOSITIONS CONTENANT DE L'HUILE DE PEPINS DE GRENADE, DE L'HUILE DE FRUITS DE ROSA CANINA ET DE L'OLEORESINE OU DE L'EXTRAIT D'INULA VISCOSA**
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[72] MEYER, TAMARA, US
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[54] **PROCEDE DE GESTION D'ABONNEMENTS A DISTANCE D'UN EUICC, TERMINAL CORRESPONDANT**
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[54] **COMPOSITION D'ACIDE PERACETIQUE ET D'AU MOINS UN FONGICIDE ORGANIQUE POUR LA LUTTE CONTRE DES AGENTS PATHOGENES DANS DES PLANTES EN CROISSANCE ET SUR CELLES-CI**
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[72] DILLON, NICHOLAS, CA
[72] WHITESIDES, STEVEN KENT, CA
[72] MATHIEU, JOHANNES, CA
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[54] **AFFICHEUR ELECTRONIQUE EVIDE**
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[72] RUBIN, ANDREW E., US
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[72] JIANG, XINRUI, US
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[54] **PLATE-FORME DE CRIBLAGE DE LIPIDES PERMETTANT UNE SOLUTION COMPLETE POUR LA RECHERCHE LIPIDOMIQUE**
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[72] CONNOR, ALEXANDRIA, US
[72] DUCHOSLAV, EVA, CA
[72] WANG, LEO, US
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[54] **LECTEUR DE CARTES A PUCE A TRANSFERT DE DONNEES ELEVE COMPORTANT UN DISSIPATEUR THERMIQUE**
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[71] ECHOSTAR TECHNOLOGIES L.L.C., US
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[54] **COMMANDE ET SURVEILLANCE DE PUISSANCE A DISTANCE D'UN SYSTEME DE PUISSANCE DE VEHICULE**
[72] CERAVALO, JOSEPH WILLIAM, US
[71] DAS COMPANIES, INC., US
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[54] **ZERO PADDING APPARATUS FOR ENCODING FIXED-LENGTH SIGNALING INFORMATION AND ZERO PADDING METHOD USING SAME**
[54] **APPAREIL DE REMPLISSAGE PAR DES ZEROS PERMETTANT DE CODER DES INFORMATIONS DE SIGNALISATION DE LONGUEUR FIXE, ET PROCEDE DE REMPLISSAGE PAR DES ZEROS UTILISANT CET APPAREIL**
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[72] LEE, JAE-YOUNG, KR
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[54] **SURFACE DE COLLISION POUR IONISATION AMELIOREE**
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[72] SIMON, DANIEL, HU
[72] GODORHAZY, LAJOS, HU
[72] SZALAY, DANIEL, HU
[72] PRINGLE, STEVEN DEREK, GB
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[72] TRIVETT, IAN, GB
[72] O'BRIEN, STEPHEN, GB
[72] HESS, ANTHONY, GB
[72] HENDERSON, MATT, GB
[72] CHUA, ALVIN, SG
[72] TAKATS, ZOLTAN, GB
[71] MICROMASS UK LIMITED, GB
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[30] GB (1516003.9) 2015-09-09
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[51] **Int.Cl. A01C 21/00 (2006.01) A01C 15/00 (2006.01) A01C 23/04 (2006.01)**
[25] EN
[54] **METHOD AND VEHICLE FOR APPLYING AN AGROCHEMICAL MIXTURE TO A WORKING AREA OF A FIELD**
[54] **PROCEDE ET VEHICULE POUR APPLIQUER UN MELANGE AGROCHIMIQUE SUR UNE ZONE DE TRAVAIL DANS UN CHAMP**
[72] ZERULLA, WOLFRAM, DE
[72] SCHMID, MARKUS, DE
[72] PASDA, GREGOR, DE
[71] BASF SE, DE
[85] 2017-08-28
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[25] EN
[54] **IMPROVED IONISATION OF GASEOUS SAMPLES**
[54] **IONISATION AMELIOREE D'ECHANTILLONS GAZEUX**
[72] JONES, EMRYS, GB
[72] KARANCSI, TAMAS, HU
[72] PRINGLE, STEVEN DEREK, GB
[72] BALOG, JULIA, HU
[72] SIMON, DANIEL, HU
[72] GODORHAZY, LAJOS, HU
[72] SZALAY, DANIEL, HU
[72] TAKATS, ZOLTAN, GB
[71] MICROMASS UK LIMITED, GB
[85] 2017-08-29
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[25] EN
[54] **EXPANDABLE SHEATH**
[54] **GAINE EXTENSIBLE**
[72] ZHOU, PU, US
[72] BULMAN, ERIK, US
[72] GEISER, TIMOTHY A., US
[72] VALDEZ, MICHAEL G., US
[72] ZHU, YIDONG M., US
[72] BIAN, BAIGUI, US
[72] TRAN, SONNY, US
[72] WHITE, RICHARD D., US
[72] LE, THANH HUY, US
[72] LE, TUNG T., US
[72] GOWDAR, ALPANA KIRAN, US
[71] EDWARDS LIFESCIENCES CORPORATION, US
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[54] **MODIFIED-IGG ANTIBODIES THAT BIND TRANSFORMING GROWTH FACTOR-BETA1 WITH HIGH AFFINITY, AVIDITY AND SPECIFICITY**
[54] **ANTICORPS IGG MODIFIES QUI SE LIENT AU FACTEUR DE CROISSANCE TRANSFORMANT BETA 1 AVEC DE HAUTES AFFINITE, AVIDITE ET SPECIFICITE**
[72] QIU, HUAWEI, US
[72] BIRD, JULIE, US
[71] GENZYME CORPORATION, US
[85] 2017-08-31
[86] 2016-03-03 (PCT/US2016/020780)
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[54] **METHOD FOR TREATING WATER WITH CHLORINE DIOXIDE**
[54] **PROCEDE DE TRAITEMENT DE L'EAU AVEC DU DIOXYDE DE CHLORE**
[72] BURKE, ADRIAN ALAN, US
[72] GLYNN, SCOTT C., US
[72] HULSMAN, WILLIAM J., US
[72] TROTTIER, MICHAEL, US
[72] ANDRE, NEIL, US
[72] BELISLE, RANDY D., US
[72] GARRISON, PETER, US
[71] INTERNATIONAL DIOXCIDE, INC., US
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[25] EN
[54] **ENGINEERED SITE-SPECIFIC ANTIBODIES AND METHODS OF USE**
[54] **ANTICORPS ISSUS DE GENIE GENETIQUE SPECIFIQUES AU SITE ET METHODES D'UTILISATION**
[72] LIU, DAVID, US
[72] SISODIYA, VIKRAM NATWARSINHJI, US
[72] LEUNG, JOSEPH, US
[71] ABBVIE STEMCENTRX LLC, US
[85] 2017-09-01
[86] 2016-03-04 (PCT/US2016/020876)
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[25] FR
[54] **USE OF A YEAST EXTRACT FOR CLARIFYING MUSTS AND BEVERAGES**
[54] **UTILISATION D'UN EXTRAIT DE LEVURE POUR LE COLLAGE DE MOUTS ET DE BOISSONS**
[72] DORIGNAC, ETIENNE, FR
[72] MENIN, RUDY, FR
[72] GOSSELIN, YVES, FR
[71] LESAFFRE ET COMPAGNIE, FR
[85] 2017-09-05
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[25] EN
[54] **ENSEMBLE-BASED RESEARCH RECOMMENDATION SYSTEMS AND METHODS**
[54] **SYSTEMES ET PROCEDES DE RECOMMANDATION DE RECHERCHE BASEE SUR LES ENSEMBLES**
[72] SZETO, CHRISTOPHER, US
[71] NANTOMICS, LLC, US
[85] 2017-09-05
[86] 2016-03-03 (PCT/US2016/020742)
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[25] EN
[54] **RNA POLYMERASE II215 NUCLEIC ACID MOLECULES TO CONTROL INSECT PESTS**
[54] **MOLECULES D'ACIDE NUCLEIQUE D'ARN POLYMERASE II215 POUR LUTTER CONTRE LES INSECTES NUISIBLES**
[72] NARVA, KENNETH E., US
[72] WORDEN, SARAH E., US
[72] FREY, MEGHAN, US
[72] RANGASAMY, MURUGESAN, US
[72] GANDRA, PREMCHAND, US
[72] VEERAMANI, BALAJI, US
[72] LO, WENDY, US
[72] VILCINSKAS, ANDREAS, DE
[72] KNORR, EILEEN, DE
[72] FISHILEVICH, ELANE, US
[71] FRAUNHOFER-GESELLSCHAFT ZUE FOERDERUNG DER ANGEWANDTEN FORSCHUNG E.V., DE
[71] DOW AGROSCIENCES LLC, US
[85] 2017-09-05
[86] 2016-03-14 (PCT/US2016/022284)
[87] (WO2016/149178)
[30] US (62/133,202) 2015-03-13

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[25] EN
[54] **RNA POLYMERASE II33 NUCLEIC ACID MOLECULES TO CONTROL INSECT PESTS**
[54] **MOLECULES D'ACIDE NUCLEIQUE D'ARN POLYMERASE II33 POUR LA LUTTE CONTRE DES INSECTES NUISIBLES**
[72] NARVA, KENNETH E., US
[72] WORDEN, SARAH E., US
[72] FREY, MEGHAN, US
[72] RANGASAMY, MURUGESAN, US
[72] GANDRA, PREMCHAND, US
[72] VEERAMANI, BALAJI, US
[72] LO, WENDY, US
[72] VILCINSKAS, ANDREAS, DE
[72] KNORR, EILEEN, DE
[72] FISHILEVICH, ELANE, US
[71] FRAUNHOFER-GESELLSCHAFT ZUR FOERDERUNG DER ANGEWANDTEN FORSCHUNG E.V., DE
[71] DOW AGROSCIENCES LLC, US
[85] 2017-09-05
[86] 2016-03-14 (PCT/US2016/022304)
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[51] **Int.Cl. G06T 13/20 (2011.01) G06T 13/40 (2011.01)**
[25] FR
[54] **IMAGE PROCESSING DEVICE**
[54] **DISPOSITIF DE TRAITEMENT D'IMAGE**
[72] OUNI, SLIM, FR
[72] GRIS, GUILLAUME, FR
[71] UNIVERSITE DE LORRAINE, FR
[85] 2017-09-06
[86] 2016-03-10 (PCT/FR2016/050547)
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[51] **Int.Cl. C07K 16/14 (2006.01) C12N 15/13 (2006.01) G01N 33/53 (2006.01)**
[25] EN
[54] **ANTIBODY MOLECULES AND USES THEREOF**
[54] **MOLECULES D'ANTICORPS ET UTILISATIONS DE CELLES-CI**
[72] GOW, NEIL ANDREW ROBERT, GB
[72] RUDKIN, FIONA MARION, GB
[72] ERWIG, LARS-PETER, GB
[72] JENSEN, ALLAN, DK
[71] THE UNIVERSITY COURT OF THE UNIVERSITY OF ABERDEEN, GB
[85] 2017-09-06
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[25] EN
[54] **CHIMERIC ANTIGEN RECEPTOR**
[54] **RECEPTEUR ANTIGENIQUE CHIMERIQUE**
[72] PULE, MARTIN, GB
[72] CORDOBA, SHAUN, GB
[71] UCL BUSINESS PLC, GB
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[25] EN
[54] **CONTROL SYSTEM AND PROCESS FOR NITROGEN AND PHOSPHORUS REMOVAL**
[54] **SYSTEME ET PROCEDE DE COMMANDE POUR L'ELIMINATION DE PHOSPHORE ET D'AZOTE**
[72] LEDWELL, SAMUEL AUGUSTINE, US
[72] TOGNA, ALBERT PAUL, US
[71] ENVIRONMENTAL OPERATING SOLUTIONS, INC., US
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[54] **GRANULATOR FEED APPARATUS**
[54] **APPAREIL D'ALIMENTATION POUR GRANULATEUR**
[72] AMERSON, EDWIN J., US
[72] EUEN, CRAIG T., US
[72] BATTERTON, WILLIAM D., US
[71] ADVANSIX RESINS & CHEMICALS LLC., US
[85] 2017-09-06
[86] 2016-03-02 (PCT/US2016/020417)
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[30] US (62/132,109) 2015-03-12
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[25] EN
[54] **OPTIMIZED NUTRIENT FOOD**
[54] **ALIMENT NUTRITIF OPTIMISE**
[72] VADAKKEMURI, MATHEW JOLLY, IN
[72] KOCHERY, PAUL THOMSON, IN
[72] KOCHERRY, PAULOSE THOMSON JOLLY, IN
[71] VADAKKEMURI, MATHEW JOLLY, IN
[71] KOCHERY, PAUL THOMSON, IN
[71] KOCHERRY, PAULOSE THOMSON JOLLY, IN
[85] 2017-07-18
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[51] **Int.Cl. A61F 9/007 (2006.01)**
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[54] **OPHTHALMIC SURGICAL DEVICE HANDLE AND ASSOCIATED DEVICES, SYSTEMS, AND METHODS**
[54] **POIGNEE DE DISPOSITIF CHIRURGICAL OPHTALMIQUE, ET DISPOSITIFS, SYSTEMES ET PROCEDES ASSOCIES**
[72] EGLI, LORENZ, CH
[71] NOVARTIS AG, CH
[85] 2017-09-07
[86] 2016-05-05 (PCT/IB2016/052572)
[87] (WO2016/178178)
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[25] EN
[54] **MYELIN OLIGODENDROCYTE GLYCOPROTEIN, MYELIN BASIC PROTEIN, AND PROTEOLIPID PROTEIN COMPOSITIONS AND METHODS OF USE**
[54] **GLYCOPROTEINE D'OLIGODENDROCYTE DE LA MYELINE, PROTEINE BASIQUE DE LA MYELINE, ET COMPOSITIONS DE PROTEINE PROTEOLIPIDIQUE AINSI QUE PROCEDE D'UTILISATION**
[72] LENARDO, MICHAEL J., US
[72] LI, JIAN, US
[72] ZHENG, LIXIN, US
[72] LEE, JAE W., US
[72] LU, WEI, US
[71] THE UNITED STATES OF AMERICA, AS REPRESENTED BY THE SECRETARY, DEPARTMENT OF HEALTH AND HUMAN SERVICES, US
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[86] 2016-03-09 (PCT/US2016/021571)
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[30] US (62/130,285) 2015-03-09
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[25] EN
[54] **METHODS OF DISPLAYING THE ANTIMICROBIAL SENSITIVITY OF BIOLOGICAL ISOLATES**
[54] **PROCEDES D'AFFICHAGE DE LA SENSIBILITE ANTIMICROBIENNE D'ISOLATS BIOLOGIQUE**
[72] KAMALAKARAN, SITHARTHAN, NL
[72] MAYIGOWDA, PRAMOD, NL
[72] LIN, HENRY, NL
[72] CHOTHANI, SONIA, NL
[71] KONINKLIJKE PHILIPS N.V., NL
[85] 2017-09-07
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[25] EN
[54] **FRESHENING COMPOSITIONS RESISTING SCENT HABITUATION**
[54] **COMPOSITIONS RAFRAICHISSANTES EMPECHANT DE S'HABITUER AUX PARFUMS**
[72] MORGAN, GEORGE KAVIN, III, US
[72] CETTI, JONATHAN ROBERT, US
[72] DUBOIS, ZERLINA GUZDAR, US
[72] HUTCHINS, VIRGINIA TZUNG-HWEI, US
[72] KINSEY, MICHAEL WAYNE, US
[72] MALANYAON, MICHAEL-VINCENT NARIO, US
[72] RINKER, JENNIFER LEA, US
[72] TURNER, RONALD DAVID, US
[72] READNOUR, CHRISTINE MARIE, US
[71] THE PROCTER & GAMBLE COMPANY, US
[85] 2017-09-07
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[25] EN
[54] **SYSTEM AND METHOD TO TREAT FLUIDS BY SONOELECTROCHEMISTRY**
[54] **SYSTEME ET PROCEDE DE TRAITEMENT DE FLUIDE PAR SONOELECTROCHIMIE**
[72] MORGAN, PHILIP GRAEME, GB
[71] KP2M LIMITED, GB
[85] 2017-09-08
[86] 2016-03-14 (PCT/GB2016/050692)
[87] (WO2016/146986)
[30] GB (1503638.7) 2015-03-13

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[25] EN
[54] **DETECTING SEGMENTS OF A VIDEO PROGRAM**
[54] **DETECTION DE SEGMENTS D'UN PROGRAMME VIDEO**
[72] KANSARA, APURVAKUMAR, US
[71] NETFLIX, INC., US
[85] 2017-09-08
[86] 2016-02-11 (PCT/US2016/017528)
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[30] US (14/660,894) 2015-03-17

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[25] EN
[54] **COMPOSITION SUITABLE FOR PROTECTION COMPRISING COPOLYMER AND HYDROPHILIC SILANE**
[54] **COMPOSITION APPROPRIEE POUR LA PROTECTION COMPRENANT UN COPOLYMERE ET UN SILANE HYDROPHILE**
[72] ZHANG, YIFAN, US
[72] SEVENICH, ALEXANDRA L., US
[72] TAN, LYLIEN, US
[72] YANG, YU, US
[71] 3M INNOVATIVE PROPERTIES COMPANY, US
[85] 2017-09-08
[86] 2016-03-02 (PCT/US2016/020442)
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[30] US (62/132,948) 2015-03-13

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[13] A1
[51] **Int.Cl. C01F 7/46 (2006.01) C01F 7/02 (2006.01)**
[25] EN
[54] **OIL-FREE CRYSTAL GROWTH MODIFIERS FOR ALUMINA RECOVERY**
[54] **MODIFICATEURS DE CROISSANCE DE CRISTAUX EXEMPTS D'HUILE DESTINES A L'EXTRACTION D'ALUMINE**
[72] ANDRUSZKIEWICZ, KRZYSZTOF, PL
[72] FARINATO, RAYMOND SALVATORE, US
[72] CHEN, HAUNN-LIN TONY, US
[72] GRIFFIN, SCOTT, US
[72] ANDERSON, MARIE E., US
[71] CYTEC INDUSTRIES INC., US
[85] 2017-09-08
[86] 2016-03-09 (PCT/US2016/021466)
[87] (WO2016/145018)
[30] US (62/131,460) 2015-03-11

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[25] EN
[54] **FOOD WASTE FERMENTATION DEVICE USING SOIL MICROBES AND LIVESTOCK MANURE COMPOSTING DEVICE, BIOFIELD GENERATOR SUITABLE FOR SAME, MICORBIAL CELL SUITABLE FOR SAME, AND MICROBIAL CONDENSER SUITABLE FOR SAME**
[54] **DISPOSITIF DE FERMENTATION DES DECHETS ALIMENTAIRES UTILISANT DES MICROBES PRESENTS DANS LE SOL ET DISPOSITIF DE COMPOSTAGE DE FUMIER DE BETAIL, GENERATEUR DE BIO-CHAMP APPROPRIE POUR CELUI-CI, CELLULE MICROBIENNE APPROPRIEE POUR CELUI-CI ET CONDENSEUR MICROBIEN APPROPRIE POUR CELUI-CI**
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[71] TSNT GLOBAL CO., LTD., KR
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[54] **HYDROPHOBIC FINISH COMPOSITIONS WITH EXTENDED FLOW TIME RETENTION AND BUILDING PRODUCTS MADE THEREOF**
[54] **COMPOSITIONS DE FINITION HYDROPHOBE AYANT UNE RETENTION DE TEMPS D'ECOULEMENT PROLONGEE ET PRODUITS DE CONSTRUCTION FABRIQUES A PARTIR DE CETTE DERNIERE**
[72] PENG, YANFEI, US
[72] DUBEY, ASHISH, US
[72] BLACKBURN, DAVID R., US
[72] LEE, CHRIS C., US
[72] DONELAN, JEFFREY W., US
[71] UNITED STATES GYPSUM COMPANY, US
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[54] **CHROMATE-FREE CERAMIC COATING COMPOSITIONS**
[54] **COMPOSITIONS DE REVETEMENT EN CERAMIQUE EXEMPTES DE CHROMATE**
[72] BELOV, IRINA, US
[72] COPELAND, DARYL G., US
[71] PRAXAIR S.T. TECHNOLOGY, INC., US
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[54] **AGENTS D'ALKYLATION D'ADN**
[72] DUAN, JIAN-XIN, US
[72] CAO, YEYU, US
[72] CAI, XIAOHONG, US
[72] JIAO, HAILONG, US
[72] MA, JING YUAN, US
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[54] **AMPLIFICATEURS DE SIGNAL DE DETECTEUR DE MULTIPLEXAGE**
[72] ASHWORTH, CHRISTOPHER KEN, US
[71] WILSON ELECTRONICS, LLC, US
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[54] **METHOD OF FORMING A POLYURETHANE FOAM ARTICLE**
[54] **PROCEDE DE FORMATION D'UN ARTICLE EN MOUSSE DE POLYURETHANE**
[72] KRUPA, MICHAEL J., US
[72] COLEMAN, ROBERT S., US
[72] SHTERN, DAVID, US
[71] BASF SE, DE
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[54] **USING MUTE/NON-MUTE TRANSITIONS TO OUTPUT AN ALERT INDICATING A FUNCTIONAL STATE OF A BACK-UP AUDIO-BROADCAST SYSTEM**
[54] **UTILISATION DE TRANSITIONS SILENCIEUSES/NON SILENCIEUSES POUR GENERER UNE ALERTE INDIQUANT UN ETAT FONCTIONNEL D'UN SYSTEME DE DIFFUSION AUDIO DE SAUVEGARDE**
[72] HUNDEMER, HANK J., US
[71] TRIBUNE BROADCASTING COMPANY, LLC, US
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[86] 2016-03-30 (PCT/US2016/024846)
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[54] **USING BLACK-FRAME/NON-BLACK-FRAME TRANSITIONS TO OUTPUT AN ALERT INDICATING A FUNCTIONAL STATE OF A BACK-UP VIDEO-BROADCAST SYSTEM**
[54] **UTILISATION DE TRANSITIONS DE BORDURE DE FILETS NOIRS/NON NOIRS POUR DELIVRER UNE ALERTE INDIQUANT UN ETAT FONCTIONNEL D'UN SYSTEME DE DIFFUSION VIDEO DE SECOURS**
[72] HUNDEMER, HANK J., US
[71] TRIBUNE BROADCASTING COMPANY, LLC, US
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[54] **PROCEDE DE FORMATION DE PIECES A PARTIR D'UN ALLIAGE METALLIQUE EN FEUILLE**
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[72] BALINT, DANIEL, GB
[72] DEAN, TREVOR, GB
[72] DEAR, JOHN, GB
[72] EL FAKIR, OMER, TR
[72] FOSTER, ALISTAIR, GB
[72] LIN, JIANGUO, GB
[72] WANG, LILIANG, GB
[71] IMPERIAL INNOVATIONS LIMITED, GB
[71] IMPRESSION TECHNOLOGIES LIMITED, GB
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[54] **TRACKING SYSTEM FOR SURGICAL OPTICAL COHERENCE TOMOGRAPHY**
[54] **SYSTEME DE SUIVI POUR TOMOGRAPHIE PAR COHERENCE OPTIQUE CHIRURGICALE**
[72] HEEREN, TAMMO, US
[72] YU, LINGFENG, US
[71] NOVARTIS AG, CH
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[54] **STRUCTURE DIRECTING AGENT FOR IMPROVED SYNTHESIS OF ZEOLITES**
[54] **AGENT DIRECTEUR DE STRUCTURE POUR SYNTHESE DE ZEOLITES AMELIOREE.**
[72] MOULTON, ROGER, US
[71] SACHEM, INC., US
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[25] EN
[54] **HIGH PROTEIN DISTILLERS DRIED GRAINS WITH SOLUBLES AND METHODS THEREOF**
[54] **DRECHES DE DISTILLERIE A TENEUR ELEVEE EN PROTEINES AVEC SOLUBLES ET LEURS PROCEDES**
[72] BRUINSMA, KEITH, US
[72] ENDRES, DONALD, US
[72] FURCICH, STEVEN J., US
[71] NOVITA NUTRITION, LLC, US
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[54] **APPARATUS AND METHOD FOR MULTI-STAGE CUTTING AND JUICE PRESSING**
[54] **APPAREIL ET PROCEDE DE DECOUPE ET D'EXTRACTION DE JUS A ETAGES MULTIPLES**
[72] WETTLAUFER, ERIC, US
[72] WETTLAUFER, DALE, US
[71] WETTLAUFER, ERIC, US
[71] WETTLAUFER, DALE, US
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[25] EN
[54] **GLUCOAMYLASE-MODIFIED YEAST STRAINS AND METHODS FOR BIOPRODUCT PRODUCTION**
[54] **SOUCHES DE LEVURE A GLUCOAMYLASE MODIFIEE ET PROCEDES DE PRODUCTION DE BIOPRODUIT**
[72] MILLER, CHRISTOPHER K., US
[72] NEGRETE-RAYMOND, ANA, US
[72] VELDHOUSE, JON, US
[72] VAS, AMIT, US
[71] CARGILL, INCORPORATED, US
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[54] **SOUPAPE PNEUMATIQUE HAUTE VITESSE**
[72] FARLEY, MARK, US
[71] NOVARTIS AG, CH
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[25] EN
[54] **SYSTEM AND METHOD FOR DETECTING THE PRESENCE OF NON-SELF-SUFFICIENT OCCUPANTS AT THE BACK SEAT OF VEHICLES**
[54] **SYSTEME ET PROCEDE POUR DETECTER LA PRESENCE D'OCCUPANTS NON AUTONOMES AU NIVEAU DU SIEGE ARRIERE DE VEHICULES**
[72] ANDRADE, LUCAS ALMEIDA DE, BR
[72] NOCE, TOSHIZAEMOM, BR
[72] SOARES, CID ARAUJO, BR
[72] TORRES, GLAYCON ALVIM, BR
[72] TENTEMPO, GUILHERME BASILIO SOARES, BR
[72] RODRIGUES, JOAO PAULO, BR
[72] SILVA, LEONARDO FERREIRA DO CARMO, BR
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[54] **COMPOSITIONS COSMETIQUES TOPIQUES CONTRE LES RADICAUX LIBRES**
[72] BELL, MICHAEL DAVID, GB
[72] O'CONNOR, CLARE HELENA, GB
[71] THE BOOTS COMPANY PLC, GB
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[25] FR
[54] **SIDE WINDOW OF A MEANS OF TRANSPORT HAVING A REINFORCED EMERGENCY EXIT SUBSTRATE**
[54] **VITRAGE LATERAL DE MOYEN DE TRANSPORT A SUBSTRAT ISSUE DE SECOURS RENFORCE**
[72] GASTAL, GUILLAUME, PL
[71] SAINT-GOBAIN GLASS FRANCE, FR
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[25] FR
[54] **COMMUNICATION METHOD WITHIN A DYNAMIC-DEPTH CLUSTER OF COMMUNICATING ELECTRONIC DEVICES, COMMUNICATING ELECTRONIC DEVICE IMPLEMENTING SAID METHOD AND ASSOCIATED SYSTEM**
[54] **PROCEDE DE COMMUNICATION AU SEIN D'UNE GRAPPE DE PROFONDEUR DYNAMIQUE DE DISPOSITIFS ELECTRONIQUES COMMUNICANTS, DISPOSITIF ELECTRONIQUE COMMUNICANT METTANT EN OEUVRE LEDIT PROCEDE ET SYSTEME ASSOCIES**
[72] DARAGON, PASCAL, FR
[72] GUZZO, NATALE, FR
[72] NANDAGOBAN, ARULNAMBI, FR
[72] MITTON, NATHALIE, FR
[71] TRAXENS, FR
[71] INSTITUT NATIONAL DE RECHERCHE EN INFORMATIQUE ET EN AUTOMATIQUE, FR
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[54] **APPARATUS FOR BENDING SHEETS OF GLASS**
[54] **DISPOSITIF DE BOMBAGE DE FEUILLES DE VERRE**
[72] BETSCHART, OLIVIER, FR
[72] LAGNEAUX, ROBERT, FR
[72] BOUILLE, GUENAEL, FR
[71] SAINT-GOBAIN GLASS FRANCE, FR
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[54] **SYSTEME D'EXPRESSION GENIQUE STABLE**
[72] HALFORD, WILLIAM, US
[72] WILBER, ANDREW, US
[71] BOARD OF TRUSTEES, SOUTHERN ILLINOIS UNIVERSITY, US
[71] WILBER, ANDREW, US
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[54] **MATIERES A BASE DE SOIE A MEMOIRE DE FORME**
[72] KAPLAN, DAVID L., US
[72] OMENETTO, FIORENZO G., US
[72] BROWN, JOSEPH E., US
[72] JOSE, RODRIGO R., US
[71] TUFTS UNIVERSITY, US
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[25] EN
[54] **INOS-INHIBITORY COMPOSITIONS AND THEIR USE AS BREAST CANCER THERAPEUTICS**
[54] **COMPOSITIONS INHIBITRICES D'INOS ET LEUR UTILISATION COMME AGENTS THERAPEUTIQUES DE CANCER DU SEIN**
[72] CHANG, JENNY CHEE NING, US
[71] THE METHODIST HOSPITAL, US
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[54] **COMPOSITIONS, SYSTEMS, AND METHODS FOR REMOVING IRON SULFIDE SCALE FROM OILFIELD COMPONENTS**
[54] **COMPOSITIONS, SYSTEMES ET PROCEDES D'ELIMINATION DE DEPOT DE SULFURE DE FER A PARTIR DE COMPOSANTS DE CHAMP PETROLIFERE**
[72] PENG, YANG, US
[72] ZHAO, FUNIAN, US
[72] YUE, ZHIWEI, US
[72] SHI, LIU, US
[72] QU, LIANGWEI, US
[72] FAN, CHUNFANG, US
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[54] **PYOLYSIN METHODS AND COMPOSITIONS**
[54] **PROCEDES ET COMPOSITIONS DE PYOLYSINE**
[72] MOONEN, GLENN ANDREW, US
[72] MOUTAFIS, GEORGE, US
[72] POPPE, ALLEN, US
[72] HERBERG, JOHN, US
[71] ZOETIS SERVICES LLC, US
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[54] **METHOD FOR ENERGY CALIBRATION OF A PULSED CUTTING LASER FOR EYE SURGERY**
[54] **PROCEDE D'ETALONNAGE D'ENERGIE D'UN LASER DE COUPE PULSE POUR LA CHIRURGIE OCULAIRE**
[72] LEMONIS, SISSIMOS, DE
[71] WAVELIGHT GMBH, DE
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[25] EN
[54] **SECURE AND CONTROL DATA MIGRATING BETWEEN ENTERPRISE AND CLOUD SERVICES**
[54] **MIGRATION DE DONNEES SECURISEE ET DE COMMANDE ENTRE UNE ENTREPRISE ET DES SERVICES EN NUAGE**
[72] COIMBATORE, SARAVANAN, US
[71] VORMETRIC, INC., US
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[30] US (14/656,518) 2015-03-12

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[25] EN
[54] **METHOD AND DEVICE FOR GRANULATING MOLTEN MATERIAL**
[54] **PROCEDE ET DISPOSITIF DE GRANULATION DE MATERIAU EN FUSION**
[72] EDLINGER, ALFRED, AT
[71] RADMAT AG, CH
[85] 2017-09-13
[86] 2016-03-14 (PCT/AT2016/000027)
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[30] AT (A142/2015) 2015-03-13

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[25] EN
[54] **A THREE-COMPONENT CRISPR/CAS COMPLEX SYSTEM AND USES THEREOF**
[54] **SYSTEME DE COMPLEXE CAS/CRISPR A TROIS CONSTITUANTS ET UTILISATIONS DE CE DERNIER**
[72] WANG, HAOYI, CN
[72] CHENG, ALBERT, US
[72] JILLETTE, NATHANIEL, US
[71] THE JACKSON LABORATORY, US
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[30] US (62/132,644) 2015-03-13
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[25] EN
[54] **SYSTEM AND METHOD FOR HEAT TREATING ALUMINUM ALLOY CASTINGS**
[54] **SYSTEME ET PROCEDE DE TRAITEMENT THERMIQUE DE PIECES COULEES EN ALLIAGE D'ALUMINIUM**
[72] CRAFTON, SCOTT P., US
[72] SUBRAMANIAM, SHANKER, US
[72] FAUTEUX, PAUL, US
[71] CONSOLIDATED ENGINEERING COMPANY, INC., US
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[25] EN
[54] **SIALYLATION-INCREASING THERAPIES FOR DISEASES ASSOCIATED WITH OXIDATIVE STRESS**
[54] **THERAPIES D'AUGMENTATION DE SIALYLATION POUR MALADIES ASSOCIEES AU STRESS OXYDATIF**
[72] HUIZING, MARJAN, US
[72] MALICDAN, MAY C., US
[72] CARRILLO, NURIA, US
[71] THE UNITED STATES OF AMERICA, AS REPRESENTED BY THE SECRETARY, DEPARTMENT OF HEALTH AND HUMAN SERVICES, US
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[30] US (62/120,742) 2015-02-25

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[54] **ELECTROLYSIS SYSTEM**
[54] **SYSTEME D'ELECTROLYSE**
[72] IZGORODIN, IVAN, RU
[72] IZGORODIN, ALEXEY, AU
[71] H2SG ENERGY PTE LTD, SG
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[25] EN
[54] **PROTECTIVE FILMS, BLENDS, AND METHODS OF MAKING THEREOF**
[54] **FILMS DE PROTECTION, MELANGES ET LEURS PROCEDES DE FABRICATION**
[72] NIETO, JESUS, ES
[72] MANRIQUE, ANTONIO, ES
[72] UHL, ISABELLE, FR
[72] MUNOZ, DAVID, ES
[71] DOW GLOBAL TECHNOLOGIES LLC, US
[71] ROHM AND HAAS COMPANY, US
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[54] **METHODS OF FABRICATING CERAMIC OR INTERMETALLIC PARTS**
[54] **PROCEDE DE FABRICATION DE STRUCTURES CERAMIQUES OU INTERMETALLIQUES**
[72] THOMAS, JEFFREY G., US
[72] COOK III, GRANT O., US
[71] HALLIBURTON ENERGY SERVICES, INC., US
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[54] **METHOD OF USING ANTI-CD79B IMMUNOCONJUGATES**
[54] **PROCEDE D'UTILISATION D'IMMUNOCONJUGUES ANTI-CD79B**
[72] POLSON, ANDREW, US
[72] YU, SHANG-FAN, US
[72] CHU, YU-WAYE, US
[72] WENGER, MICHAEL, CH
[71] GENENTECH, INC., US
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[54] **SYSTEM AND METHOD FOR DISPENSING MATERIAL**
[54] **SYSTEME ET PROCEDE DE DISTRIBUTION DE MATIERE**
[72] BUSH, STEPHAN GARY, US
[72] SHERMAN, FAIZ FEISAL, US
[72] GRUENBACHER, DANA PAUL, US
[71] THE PROCTER & GAMBLE COMPANY, US
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[30] US (14/658,280) 2015-03-16

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[25] EN
[54] **TECHNIQUES FOR OPTIMIZING BITRATES AND RESOLUTIONS DURING ENCODING**
[54] **PROCEDES D'OPTIMISATION DE DEBITS BINAIRES ET DE RESOLUTIONS DURANT L'ENCODAGE**
[72] AARON, ANNE, US
[72] RONCA, DAVID, US
[72] KATSAVOUNIDIS, IOANNIS, US
[72] SCHULER, ANDY, US
[71] NETFLIX, INC., US
[85] 2017-09-13
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[25] EN
[54] **FOAMS, FOAMABLE COMPOSITIONS AND METHODS OF MAKING INTEGRAL SKIN FOAMS**
[54] **MOUSSES, COMPOSITIONS POUVANT MOUSSER ET PROCEDES DE FABRICATION DE MOUSSES A PEAU INTEGREE**
[72] YU, BIN, US
[72] WILLIAMS, DAVID JOHN, US
[71] HONEYWELL INTERNATIONAL INC., US
[85] 2017-09-13
[86] 2016-03-14 (PCT/US2016/022391)
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[30] US (62/132,804) 2015-03-13
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[51] **Int.Cl. A01N 57/34 (2006.01) A01N 25/02 (2006.01) A01P 1/00 (2006.01)**
[25] EN
[54] **FREEZE STABLE TETRAKIS(HYDROXYMETHYL) PHOSPHONIUM SULFATE FORMULATIONS**
[54] **FORMULATIONS DE SULFATE DE TETRAKIS(HYDROXYMETHYL)PHOSPHONIUM STABLES A LA CONGELATION**
[72] STEPHENS, RANDALL W., US
[72] WARWICK, EILEEN F., US
[71] ROHM AND HAAS COMPANY, US
[85] 2017-09-13
[86] 2016-03-15 (PCT/US2016/022408)
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[54] **FREEZE STABLE TETRAKIS(HYDROXYMETHYL) PHOSPHONIUM SULFATE FORMULATIONS**
[54] **FORMULATIONS DE SULFATE DE TETRAKIS(HYDROXYMETHYL)PHOSPHONIUM STABLES A LA CONGELATION**
[72] STEPHENS, RANDALL W., US
[71] ROHM AND HAAS COMPANY, US
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[86] 2016-03-15 (PCT/US2016/022412)
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[25] EN
[54] **LOW-FAT WATER-IN-OIL EMULSION**
[54] **EMULSION D'EAU DANS L'HUILE A FAIBLE TENEUR EN MATIERES GRASSES**
[72] SCHOEPPE, ARNULF, DE
[72] STEIGER, DANIEL, DE
[72] STEYLS, JOHAN GUILLAUME LUCIEN, BE
[72] TIROK, SUSANNE, DE
[72] VAN EESBEEK, PAULINE, BE
[71] CARGILL, INCORPORATED, US
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[86] 2016-03-17 (PCT/US2016/022824)
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[51] **Int.Cl. C12N 15/13 (2006.01) A01K 67/027 (2006.01) C07K 16/00 (2006.01) C07K 16/46 (2006.01) C12N 5/10 (2006.01) C12N 15/85 (2006.01) C12P 21/00 (2006.01) C12P 21/08 (2006.01)**
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[54] **NON-HUMAN ANIMALS THAT SELECT FOR LIGHT CHAIN VARIABLE REGIONS THAT BIND ANTIGEN**
[54] **ANIMAUX NON HUMAINS QUI SELECTIONNENT DES REGIONS VARIABLES DE CHAINES LEGERES QUI SE LIENT A L'ANTIGENE**
[72] MACDONALD, LYNN, US
[72] MURPHY, ANDREW J., US
[72] GURER, CAGAN, US
[72] BABB, ROBERT, US
[71] REGENERON PHARMACEUTICALS, INC., US
[85] 2017-09-13
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[25] EN
[54] **MENISCAL TRANSPLANT SYSTEM**
[54] **SYSTEME DE TRANSPLANTATION MENISCALE**
[72] BOSWORTH, ADRIAN E., US
[72] MILLER, PETER C., US
[71] CONMED CORPORATION, US
[85] 2017-09-13
[86] 2016-03-18 (PCT/US2016/023294)
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[25] EN
[54] **USING ASPECT-RATIO TRANSITIONS TO OUTPUT AN ALERT INDICATING A FUNCTIONAL STATE OF A BACK-UP VIDEO-BROADCAST SYSTEM**
[54] **UTILISATION DE TRANSITIONS DE FACTEURS DE FORME POUR EMETTRE UNE ALERTE INDIQUANT UN ETAT FONCTIONNEL D'UN SYSTEME DE DIFFUSION VIDEO DE SECOURS**
[72] HUNDEMER, HANK J., US
[71] TRIBUNE BROADCASTING COMPANY, LLC, US
[85] 2017-09-13
[86] 2016-03-30 (PCT/US2016/024848)
[87] (WO2016/160888)
[30] US (14/676,297) 2015-04-01

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[25] EN
[54] **USING CLOSED-CAPTIONING DATA TO OUTPUT AN ALERT INDICATING A FUNCTIONAL STATE OF A BACK-UP VIDEO-BROADCAST SYSTEM**
[54] **UTILISATION DE DONNEES DE SOUS-TITRAGE POUR GENERER UNE ALERTE INDIQUANT UN ETAT FONCTIONNEL D'UN SYSTEME DE DIFFUSION VIDEO DE SAUVEGARDE**
[72] HUNDEMER, HANK J., US
[71] TRIBUNE BROADCASTING COMPANY, LLC, US
[85] 2017-09-13
[86] 2016-03-30 (PCT/US2016/024849)
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[30] US (14/676,276) 2015-04-01

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[25] EN
[54] **USING SCENE-CHANGE TRANSITIONS TO OUTPUT AN ALERT INDICATING A FUNCTIONAL STATE OF A BACK-UP VIDEO-BROADCAST SYSTEM**
[54] **UTILISATION DE TRANSITIONS DE CHANGEMENT DE DECOR POUR EMETTRE UNE ALERTE INDIQUANT UN ETAT FONCTIONNEL D'UN SYSTEME DE DIFFUSION VIDEO DE RESERVE**
[72] HUNDEMER, HANK J., US
[71] TRIBUNE BROADCASTING COMPANY, LLC, US
[85] 2017-09-13
[86] 2016-03-30 (PCT/US2016/024850)
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[25] EN
[54] **USING SINGLE-CHANNEL/MULTI-CHANNEL TRANSITIONS TO OUTPUT AN ALERT INDICATING A FUNCTIONAL STATE OF A BACK-UP AUDIO-BROADCAST SYSTEM**
[54] **UTILISATION DE TRANSITIONS MONOCANAUX/MULTICANAUX POUR FOURNIR UNE ALERTE INDIQUANT UN ETAT FONCTIONNEL D'UN SYSTEME DE DIFFUSION AUDIO DE SECOURS**
[72] HUNDEMER, HANK J., US
[71] TRIBUNE BROADCASTING COMPANY, LLC, US
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[25] EN
[54] **WATER-BASED COATING COMPOSITIONS AND RELATED PRODUCTS AND PROCESSES**
[54] **COMPOSITIONS DE REVETEMENT A BASE D'EAU, ET PRODUITS ET PROCEDES ASSOCIES**
[72] HOEHNE, JOERG, DE
[72] GOYDADIN, EMILIE, FR
[71] NOVELIS INC., US
[85] 2017-09-13
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[25] FR
[54] **DEVICE FOR CONTROLLING A ZIP-CLOSURE SYSTEM OF AN ARTICLE AND CORRESPONDING ARTICLE**
[54] **DISPOSITIF DE CONTROLE D'UN SYSTEME DE FERMETURE A GLISSIERE D'UN ARTICLE ET ARTICLE CORRESPONDANT**
[72] TOURRETTE, PHILIPPE, FR
[72] FAUCHER, ALEXANDRE, FR
[71] GENIUS OBJECTS, FR
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[86] 2016-03-17 (PCT/FR2016/050594)
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[51] **Int.Cl. C08G 18/22 (2006.01) C08J 9/14 (2006.01)**
[25] EN
[54] **STABLE TWO COMPONENT SPRAY FOAM COMPOSITIONS CONTAINING HYDROHALOOLEFIN PROPELLANT OR BLOWING AGENT**
[54] **COMPOSITIONS STABLES DE MOUSSE A PULVERISER A DEUX COMPOSANTS CONTENANT UN PROPULSEUR OU UN AGENT D'EXPANSION DE TYPE OLEFINE HYDROHALOGENEE**
[72] ZHANG, JAY YUAN, US
[72] NIEMEYER, TIMOTHY A., US
[71] DAP PRODUCTS INC., US
[85] 2017-09-13
[86] 2016-04-08 (PCT/US2016/026569)
[87] (WO2016/164671)
[30] US (62/146,042) 2015-04-10

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[51] **Int.Cl. B01J 13/14 (2006.01) C09K 8/584 (2006.01) E21B 43/22 (2006.01)**
[25] EN
[54] **ENCAPSULATED NANOCOMPOSITIONS FOR INCREASING HYDROCARBON RECOVERY**
[54] **NANOCOMPOSITIONS ENCAPSULEES POUR AUGMENTER LA RECUPERATION D'HYDROCARBURES**
[72] CHANG, YUN, SA
[71] SAUDI ARABIAN OIL COMPANY, SA
[85] 2017-09-13
[86] 2016-04-08 (PCT/US2016/026719)
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[30] US (62/145,219) 2015-04-09

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[25] EN
[54] **INHIBITORS OF PCSK9 FOR TREATMENT OF LIPOPROTEIN METABOLISM DISORDERS**
[54] **INHIBITEURS DE PCSK9 POUR LE TRAITEMENT DE TROUBLES DU METABOLISME DES LIPOPROTEINES**
[72] GUSTAFSEN, CAMILLA, DK
[72] MADSEN, PEDER SONDERGAARD, DK
[72] PEDERSEN, SIMON GLERUP, DK
[71] AARHUS UNIVERSITET, DK
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[87] (WO2016/150444)
[30] DK (PA 2015 70158) 2015-03-20
[30] DK (PA 2015 70623) 2015-10-02
[30] DK (PA 2015 70839) 2015-12-21

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[13] A1
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[25] EN
[54] **ARCHAEBACTERIA IN BIOACTIVE ANIMAL FEED, METHOD OF MAKING THE COMPOSITION AND METHODS EMPLOYING THE COMPOSITION**
[54] **ARCHEES DANS DES ALIMENTS POUR ANIMAUX BIOACTIFS, PROCEDE DE FABRICATION DE LA COMPOSITION ET PROCEDES UTILISANT CETTE COMPOSITION**
[72] SUTHERLAND, DUNCAN-BRUCE, CH
[72] ZAISS, MARIO MICHAEL, DE
[71] ECOLE POLYTECHNIQUE FEDERALE DE LAUSANNE (EPFL), CH
[85] 2017-09-14
[86] 2016-03-16 (PCT/IB2016/051473)
[87] (WO2016/147121)
[30] EP (15159277.1) 2015-03-16

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[13] A1
[51] **Int.Cl. G08B 21/18 (2006.01) A41D 1/00 (2006.01) A44B 19/24 (2006.01) A44B 19/30 (2006.01) H01H 1/12 (2006.01)**
[25] FR
[54] **DEVICE FOR CONTROLLING A CLOSURE SYSTEM OF AN ARTICLE AND CORRESPONDING ARTICLE**
[54] **DISPOSITIF DE CONTROLE D'UN SYSTEME DE FERMETURE D'UN ARTICLE ET ARTICLE CORRESPONDANT**
[72] TOURRETTE, PHILIPPE, FR
[72] FAUCHER, ALEXANDRE, FR
[71] GENIUS OBJECTS, FR
[85] 2017-09-14
[86] 2016-03-17 (PCT/FR2016/050596)
[87] (WO2016/146953)
[30] FR (1552283) 2015-03-19

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[13] A1
[51] **Int.Cl. H04L 29/06 (2006.01) H04L 12/22 (2006.01) H04L 12/66 (2006.01) H04L 29/08 (2006.01)**
[25] EN
[54] **METHODS AND SYSTEMS FOR PROTECTING A SECURED NETWORK**
[54] **PROCEDES ET SYSTEMES DE PROTECTION D'UN RESEAU SECURISE**
[72] ROGERS, STEVEN, US
[72] MOORE, SEAN, US
[72] AHN, DAVID K., US
[72] GEREMIA, PETER P., US
[71] CENTRIPETAL NETWORKS, INC., US
[85] 2017-09-14
[86] 2015-04-07 (PCT/US2015/024691)
[87] (WO2015/160567)
[30] US (14/253,992) 2014-04-16

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[13] A1
[51] **Int.Cl. H04L 12/58 (2006.01) H04L 12/813 (2013.01) H04L 12/66 (2006.01) H04L 29/06 (2006.01)**
[25] EN
[54] **METHOD AND SYSTEM FOR TRANSFERRING MESSAGES BETWEEN MESSAGING SYSTEMS**
[54] **PROCEDE ET SYSTEME DE TRANSFERT DE MESSAGES ENTRE DES SYSTEMES DE MESSAGERIE**
[72] KEATING, COLM, IE
[72] CAHILL, ANTHONY, IE
[71] WEBTEXT HOLDINGS LIMITED, IE
[85] 2017-09-14
[86] 2016-03-16 (PCT/US2016/022607)
[87] (WO2016/149342)
[30] US (62/133,678) 2015-03-16

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[13] A1
[51] **Int.Cl. H04N 21/845 (2011.01) H04N 21/45 (2011.01) H04N 21/637 (2011.01) H04N 21/80 (2011.01) H04N 21/8352 (2011.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR PROVIDING PLAYBACK OF SELECTED VIDEO SEGMENTS**
[54] **SYSTEMES ET PROCEDES PERMETTANT LA FOURNITURE DE LECTURE DE SEGMENTS VIDEO SELECTIONNES**
[72] HENRY, COLLEEN KELLY, US
[71] FACEBOOK, INC., US
[85] 2017-09-14
[86] 2015-12-17 (PCT/US2015/066506)
[87] (WO2016/153573)
[30] US (62/137,728) 2015-03-24
[30] US (14/971,983) 2015-12-16

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[13] A1
[51] **Int.Cl. A61K 39/00 (2006.01) A61K 35/62 (2006.01) A61K 38/16 (2006.01) A61P 33/10 (2006.01) A61P 37/04 (2006.01) C07K 14/00 (2006.01)**
[25] EN
[54] **IMMUNOGENIC COMPOSITIONS AND VACCINES FOR PREVENTING OR TREATING FILARIAL DISEASE**
[54] **COMPOSITIONS IMMUNOGENES ET VACCINS DESTINES A PREVENIR OU TRAITER UNE MALADIE FILARIENNE**
[72] MITRE, EDWARD E., US
[72] MORRIS, CHRISTOPHER, US
[72] BENNURU, SASISEKHAR, US
[72] NUTMAN, THOMAS, US
[71] THE HENRY M. JACKSON FOUNDATION FOR THE ADVANCEMENT OF MILITARY MEDICINE, INC., US
[71] THE UNITED STATES GOVERNMENT, AS REPRESENTED BY THE SECRETARY OF THE DEPARTMENT OF HEALTH AND HUMAN SERVICES, US
[85] 2017-09-14
[86] 2016-03-17 (PCT/US2016/022787)
[87] (WO2016/149460)
[30] US (62/135,115) 2015-03-18

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[13] A1
[51] **Int.Cl. C09C 1/36 (2006.01) C08K 3/22 (2006.01) C08K 9/06 (2006.01) C09C 3/12 (2006.01)**
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[54] **THERMAL RESISTANT TITANIUM DIOXIDE PARTICLES AND THE FORMATION OF COOL ARTICLES**
[54] **PARTICULES THERMORESISTANTES DE DIOXYDE DE TITANE ET FORMATION D'OBJETS FROIDS**
[72] CONNOLLY JR., J. DON, US
[71] THE CHEMOURS COMPANY TT, LLC, US
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[54] **DURABLE ANTI-FINGERPRINT POLYMERS AND COATING COMPOSITIONS**
[54] **POLYMERES ET COMPOSITIONS DE REVETEMENT ANTI-TRACES DE DOIGT DURABLES**
[72] OLSON, KURT G., US
[72] GAO, RENLONG, US
[72] BARANCYK, STEVEN V., US
[72] BALLIET, COURTNEY, US
[72] BOWLES, STEVEN E., US
[72] SAHA, GOBINDA, US
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[54] **POLYCRYSTALLINE DIAMOND BODIES INCORPORATING FRACTIONATED DISTRIBUTION OF DIAMOND PARTICLES OF DIFFERENT MORPHOLOGIES**
[54] **CORPS DE DIAMANTS POLYCRISTALLINS COMPRENANT UNE DISTRIBUTION FRACTIONNEE DE PARTICULES DE DIAMANT DE DIFFERENTES MORPHOLOGIES**
[72] JOHNSON, ALEXANNE, US
[72] GLEDHILL, ANDREW, US
[72] SCOTT, DANNY, US
[72] BIRD, MARC, US
[71] DIAMOND INNOVATIONS, INC., US
[71] BAKER HUGHES INCORPORATED, US
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[54] **TECHNIQUES FOR PROTECTING COMMUNICATIONS IN WIRELESS LOCAL AREA NETWORKS**
[54] **TECHNIQUES POUR PROTEGER LES COMMUNICATIONS DANS DES RESEAUX LOCAUX SANS FIL**
[72] CHERIAN, GEORGE, US
[72] MERLIN, SIMONE, US
[72] BARRIAC, GWENDOLYN DENISE, US
[72] DING, GANG, US
[71] QUALCOMM INCORPORATED, US
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[54] **SIGNALISATION DE LIAISON DE CANAUX A DES DISPOSITIFS A PORTEE**
[72] EITAN, ALECSANDER, US
[71] QUALCOMM INCORPORATED, US
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[54] **COMPOSITIONS COMPRISING ADAMTS13 FOR USE IN METHODS FOR THE RECANALIZATION OF OCCLUDED BLOOD VESSELS IN AN INFARCTION**
[54] **COMPOSITIONS COMPRENANT ADAMTS13 POUR UTILISATION DANS DES PROCEDES POUR LA RECANALISATION DE VAISSEAUX SANGUINS OCCLUS DANS UN INFARCTUS**
[72] PLAIMAUER, BARBARA, AT
[72] ROTTENSTEINER, HANSPETER, AT
[72] SCHEIFLINGER, FRIEDRICH, AT
[72] DE MEYER, SIMON, BE
[72] DENORME, FREDERIK, BE
[71] BAXALTA INCORPORATED, US
[71] BAXALTA GMBH, CH
[71] KATHOLIEKE UNIVERSITEIT LEUVEN, BE
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[54] **ANTIBODY THAT RECOGNISES THE T14 PEPTIDE OF ACHE**
[54] **ANTICORPS RECONNAISSANT LE PEPTIDE T14 DE L'ACHE**
[72] GREENFIELD, SUSAN, GB
[72] GARCIA-RATES, SARA, GB
[72] MORRILL, PAUL, GB
[71] NEURO-BIO LTD, GB
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[54] **A SOLUBLE CHIMERIC INTERLEUKIN-10 RECEPTOR AND THERAPEUTIC USE THEREOF**
[54] **RECEPTEUR DE L'INTERLEUKINE 10 CHIMERIQUE SOLUBLE ET SON USAGE THERAPEUTIQUE**
[72] FILACI, GILBERTO, IT
[72] FENOGLIO, DANIELA, IT
[72] FERRERA, FRANCESCA, IT
[71] MEDIOLANUM FARMACEUTICI S.P.A., IT
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[25] EN
[54] **ANTI-MUC16 ANTIBODIES AND USES THEREOF**
[54] **ANTICORPS ANTI-MUC16 ET UTILISATIONS**
[72] SPRIGGS, DAVID, US
[72] FERNANDEZ-TEJADA, ALBERTO, ES
[72] THAPI, DHARMARAO, US
[71] MEMORIAL SLOAN KETTERING CANCER CENTER, US
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[54] **SYNTHETIC HECTORITE IN GLASS BEAD SUSPENSIONS**
[54] **HECTORITE SYNTHETIQUE DANS DES SUSPENSIONS DE PERLES DE VERRE**
[72] BOUL, PETER JAMES, US
[72] HUNDT, GREGORY ROBERT, US
[72] MAXSON, JOSEPH KLEBER, US
[72] LUMSDEN, SIMONE ELIZABETH ASHLEY, US
[72] BRENNEIS, DARRELL CHAD, US
[72] MORGAN, RONNIE GLEN, US
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[25] EN
[54] **SYSTEM AND METHOD FOR TRANSMITTING DATA PAYLOAD IN WB SC, AGGREGATE SC, DUPLICATE SC, OFDM TRANSMISSION FRAMES**
[54] **SYSTEME ET PROCEDE POUR TRANSMISSION DE CHARGE UTILE DE DONNEES EN SC WB, SC D'AGREGAT, SC DE DUPLICATION, TRAMES DE TRANSMISSION OFDM**
[72] EITAN, ALECSANDER, US
[71] QUALCOMM INCORPORATED, US
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[86] 2016-04-26 (PCT/US2016/029367)
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[54] **NEUTRALIZING ANTIBODIES TO GP120 AND THEIR USE**
[54] **ANTICORPS NEUTRALISANTS DIRIGES CONTRE GP120 ET UTILISATION DE CEUX-CI**
[72] CONNORS, MARK, US
[72] HUANG, JINGHE, US
[72] KANG, BYONG HA, US
[72] MASCOLA, JOHN, US
[72] ISHIDA, ELISE, US
[72] ZHOU, TONGQING, US
[72] KWONG, PETER, US
[72] ZHENG, ANQI, US
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[54] **MICROSTRUCTURED CARBONATABLE CALCIUM SILICATE CLINKERS AND METHODS THEREOF**
[54] **CLINKERS MICROSTRUCTURES DE SILICATE DE CALCIUM POUVANT ETRE CARBONATES ET PROCEDES CORRESPONDANTS**
[72] SAHU, SADANANDA, US
[72] QUINN, SEAN, US
[72] ATAKAN, VAHIT, US
[72] DECRISTOFARO, NICHOLAS, US
[72] MEYER, VINCENT, FR
[72] COMPARET, CEDRIC, FR
[72] WALENTA, GUNTHER, FR
[71] SOLIDIA TECHNOLOGIES, INC., US
[71] LAFARGE, FR
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[54] **COMPOSITE MATERIALS AND BONDING ELEMENTS FROM CARBONATION OF CALCIUM SILICATE AND METHODS THEREOF**
[54] **MATERIAUX COMPOSITES ET ELEMENTS DE LIAISON ISSUS DE LA CARBONATION DE SILICATE DE CALCIUM ET PROCEDE ASSOCIES**
[72] ATAKAN, VAHIT, US
[72] SAHU, SADANANDA, US
[72] QUINN, SEAN, US
[72] DECRISTOFARO, NICHOLAS, US
[72] MEYER, VINCENT, FR
[72] COMPARET, CEDRIC, FR
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[71] SOLIDIA TECHNOLOGIES, INC., US
[71] LAFARGE, FR
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[54] **TOUCH FASTENERS AND METHODS OF FORMATION**
[54] **ELEMENTS DE FIXATION TACTILES ET LEURS PROCEDES DE FORMATION**
[72] ROCHA, GERALD, US
[71] ROCHA, GERALD, US
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[54] **SYSTEMS AND METHODS FOR ANALYZING NUCLEIC ACID**
[54] **SYSTEMES ET PROCEDES POUR ANALYSER L'ACIDE NUCLEIQUE**
[72] VELCULESCU, VICTOR, US
[72] DIAZ, LUIS, US
[72] JONES, SIAN, US
[72] ANGIUOLI, SAMUEL VINCENT, US
[71] PERSONAL GENOME DIAGNOSTICS, INC., US
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[54] **DETECTION DE FUITE SUR UN ELECTROLYSEUR OU UNE PILE A COMBUSTIBLE HAUTE TEMPERATURE**
[72] CHATROUX, ANDRE, FR
[72] DONNIER-MARECHAL, THOMAS, FR
[71] COMMISSARIAT A L'ENERGIE ATOMIQUE ET AUX ENERGIES ALTERNATIVES, FR
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[54] **COMPOSITIONS LUBRIFIANTES POUR MOTEURS A INJECTION DIRECTE**
[72] MOSIER, PATRICK E., US
[72] DIETZ, JEFFRY G., US
[72] SAMMUT, ALEXANDER, US
[71] THE LUBRIZOL CORPORATION, US
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[54] **AUTHENTICATION IN UBIQUITOUS ENVIRONMENT**
[54] **AUTHENTIFICATION DANS UN ENVIRONNEMENT OMNIPRESENT**
[72] CHOI, UNHO, KR
[71] CHOI, UNHO, KR
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[54] **MESOSCALE REINFORCEMENT OF METAL MATRIX COMPOSITES**
[54] **RENFORCEMENT A ECHELLE MESOSCOPIQUE DE COMPOSITES A MATRICE METALLIQUE**
[72] COOK, GRANT O. III, US
[72] THOMAS, JEFFREY G., US
[71] HALLIBURTON ENERGY SERVICES, INC., US
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[25] EN
[54] **ALKYLPOLYGLUCOSIDE DERIVATIVE FLUID LOSS CONTROL ADDITIVES FOR WELLBORE TREATMENT FLUIDS**
[54] **ADDITIFS DE PERTE DE CIRCULATION A DERIVES ALKYLPOLYGLUCOSIDE POUR FLUIDES DE TRAITEMENT DE PUITS DE FORAGE**
[72] GUPTA, NIVIKA RAJENDRA, IN
[72] GOTMUKLE, SHARAD BHIMRAO, IN
[71] HALLIBURTON ENERGY SERVICES, INC., US
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[25] EN
[54] **PROCESS FOR LIQUEFACTION OF LIGNOCELLULOSIC BIOMASS**
[54] **PROCEDE DE LIQUEFACTION DE BIOMASSE LIGNOCELLULOSIQUE**
[72] CARROLL, MICHAEL E., US
[72] KROON, JOHANNES A., NL
[72] PARTON, RUDY F. M. J., BE
[72] SEN, SUBRATA, US
[72] WOESTENBORGHS, PIERRE L., BE
[71] GEORGIA-PACIFIC LLC, US
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[25] EN
[54] **ARC FLASH MITIGATION SWITCH FOR QUENCHING EXTERNAL ARC FAULTS IN LOW VOLTAGE SWITCHGEAR**
[54] **COMMUTATEUR D'ATTENUATION DE COUP D'ARC POUR L'EXTINCTION DES DEFAUTS D'ARC EXTERIEURS DANS UN COMMUTATEUR BASSE TENSION**
[72] SHEA, JOHN J., US
[72] ROLLMANN, PAUL J., US
[72] HRNCIR, DANIEL E., US
[72] CARRODUS, JASON B., US
[71] EATON CORPORATION, US
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[25] FR
[54] **METHOD FOR PRODUCING OXYGEN BY VPSA COMPRISING FOUR ADSORBERS**
[54] **PROCEDE DE PRODUCTION D'OXYGENE PAR VPSA COMPRENANT QUATRE ADSORBEURS**
[72] MONEREAU, CHRISTIAN, FR
[72] RODRIGUES, GUILLAUME, FR
[72] TOULEMONDE, LOUIS, FR
[71] L'AIR LIQUIDE, SOCIETE ANONYME POUR L'ETUDE ET L'EXPLOITATION DES PROCEDES GEORGES CLAUDE, FR
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[25] EN
[54] **INDUCED MATERIAL SEGREGATION METHODS OF MANUFACTURING A POLYCRYSTALLINE DIAMOND TOOL**
[54] **PROCEDES DE SEGREGATION INDUITE DE MATERIAUX PAR LA SEGREGATION DES PROCEDES DE FABRICATION D'UN OUTIL EN DIAMANT POLYCRISTALLIN**
[72] MURPHREE, ZACHARY RYAN, US
[72] CHANG, ANDY CHENG, US
[72] SAINI, GAGAN, US
[71] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2017-09-19
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[25] EN
[54] **POROUS ELECTRODES AND ELECTROCHEMICAL CELLS AND LIQUID FLOW BATTERIES THEREFROM**
[54] **ELECTRODES POREUSES, AINSI QUE CELLULES ELECTROCHIMIQUES ET BATTERIES A ECOULEMENT DE LIQUIDE PRODUITES A PARTIR DE CELLES-CI**
[72] JOHNSTON, RAYMOND P., US
[72] YORDEM, ONUR S., US
[72] WEBER, BRIAN T., US
[72] SITTER, BRETT J., US
[72] EATON, BRADLEY W., US
[72] HAUG, ANDREW T., US
[72] HAUGEN, GREGORY M., US
[72] OZCAM, ALI E., US
[72] BARTLING, BRANDON A., US
[72] ACHARYA, BHARAT R., US
[71] 3M INNOVATIVE PROPERTIES COMPANY, US
[85] 2017-09-19
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[30] US (62/137,563) 2015-03-24
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[51] **Int.Cl. C08L 1/08 (2006.01) E21B 41/00 (2006.01) C09K 8/524 (2006.01)**
[25] EN
[54] **DEGRADABLE DOWNHOLE TOOLS COMPRISING CELLULOSIC DERIVATIVES**
[54] **OUTILS DE FOND DE PUITS DEGRADABLES COMPRENANT DES DERIVES CELLULOSIQUES**
[72] CHANG, ANDY CHENG, US
[72] SOTO, ANDRE, US
[72] FRIPP, MICHAEL LINLEY, US
[71] HALLIBURTON ENERGY SERVICES, INC., US
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[25] EN
[54] **COMPOSITIONS AND METHODS FOR REDUCING INFESTATION OF WEEDS OR UNWANTED PLANTS WHILE MINIMIZING INJURY OR DAMAGE TO PLANTS OR CROPS**
[54] **COMPOSITIONS ET PROCEDES DE REDUCTION DE L'INFESTATION PAR DES MAUVAISES HERBES OU DES PLANTES INDESIRABLES TOUT EN REDUISANT AU MINIMUM LES DETERIORATIONS OU LES DEGATS SUR LES PLANTES OU LES CULTURES**
[72] TANNER, DAVID, US
[72] BLOOMBERG, JAMES, US
[72] IRONS, STEPHEN M., US
[72] HINZ, JOHN, US
[71] BAYER CROPSCIENCE LP, US
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[54] **RESINE POLYESTER HYDRODISPERSABLE PRESENTANT UNE MEILLEURE RESISTANCE A L'EAU ET UNE MEILLEURE RESISTANCE AUX PRODUITS CHIMIQUES, ET EMULSION HYDRODISPERSABLE LA CONTENANT, ET SON PROCEDE DE PREPARATION**
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[72] HONCOOP, WILHELMUS ADRIANUS JACOBUS, NL
[72] TRIET, REMCO BENJAMIN VAN, NL
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[72] DIETZ, JEFFRY G., US
[72] SAMMUT, ALEXANDER, US
[72] GALIC RAGUZ, MARY, US
[72] GIESELMAN, MATTHEW D., US
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[72] HEHENBERGER, DAVID, AT
[72] PICHLER, BERNHARD, AT
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[54] **PROCEDE DE REALISATION D'UNE REACTION DANS UNE COLONNE DE REACTION**
[72] HILES, ANDREW GEORGE, GB
[72] ANDERSSON, RIKARD UMBERTO, GB
[72] WILLIAMS, MICHAEL GAVIN JOHN, GB
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[54] **COUCHE DE RECOUVREMENT DE BANDE TRANSPORTEUSE RESISTANT A LA CHALEUR, A LA FATIGUE EN FLEXION ET A L'OZONE**
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[72] BURROWES, THOMAS GEORGE, US
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[72] GUSTAVSSON, ROBERT, SE
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[54] **STRUCTURE DE CONFINEMENT COTE OPERATIONS POUR LE NETTOYAGE AUTOMATIQUE D'UN RECIPIENT DE TRAITEMENT**
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[54] **SYSTEME ET PROCEDE DE SURVEILLANCE D'UNE BANDE**
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[71] INTERNATIONAL PAPER COMPANY, US
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[54] **NOUVEAUX PROCEDES DE LUTTE CONTRE L'AFLATOXINE ET UNE INFECTION FONGIQUE**
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[72] SCHILLBERG, STEFAN, DE
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[72] NIEMINEN, HEIKKI, FI
[72] SALMI, ARI, FI
[72] PAULIN, TOR, FI
[72] RAUHALA, TIMO, FI
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[72] YLIRUUSI, JOUKO, FI
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[54] **NOUVEAUX PEPTIDES ET COMBINAISON DE PEPTIDES DESTINES A ETRE UTILISES DANS L'IMMUNOTHERAPIE CONTRE DIVERSES TUMEURS**
[72] MAHR, ANDREA, DE
[72] STEVERMANN, LEA, DE
[72] WEINSCHENK, TONI, DE
[72] SCHOOR, OLIVER, DE
[72] FRITSCHE, JENS, DE
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[72] WEBER, MICHAEL, AT
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[54] **NOVEL PEPTIDES AND COMBINATION OF PEPTIDES AND SCAFFOLDS FOR USE IN IMMUNOTHERAPY AGAINST RENAL CELL CARCINOMA (RCC) AND OTHER CANCERS**
[54] **NOUVEAUX PEPTIDES ET COMBINAISONS DE PEPTIDES ET D'ECHAFAUDAGES DESTINES A ETRE UTILISES EN IMMUNOTHERAPIE CONTRE LE CARCINOME HEPATOCELLULAIRE (CHC) ET D'AUTRES CANCERS**
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[72] WEINSCHENK, TONI, DE
[72] SCHOOR, OLIVER, DE
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[54] **PROCEDE DE TRANSFERT D'INFORMATIONS DANS UN RESEAU CELLULAIRE SANS FIL**
[72] BREUER, VOLKER, DE
[72] WEHMEIER, LARS, DE
[72] ULRICH, THOMAS, DE
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[54] **SYSTEME DE PRESENTATION DE PEPTIDES A LA SURFACE DE CELLULES**
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[54] **PROCEDE POUR LE TRANSFERT D'INFORMATIONS DANS UN RESEAU CELLULAIRE SANS FIL**
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[72] WEHMEIER, LARS, DE
[72] ULRICH, THOMAS, DE
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[25] EN
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[54] **PROCEDE PERMETTANT UN TRANSFERT D'INFORMATIONS DANS UN RESEAU CELLULAIRE SANS FIL**
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[25] FR
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[54] **OUTILS POUR L'ETALONNAGE D'UN DISPOSITIF DE CONTROLE PAR ULTRASONS**
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[71] VALLOUREC TUBES FRANCE, FR
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[54] **DEPLETION DES LYMPHOCYTES B EN TANT QUE MARQUEUR DIAGNOSTIQUE**
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[72] ZUGMAIER, GERHARD, DE
[71] AMGEN RESEARCH (MUNICH) GMBH, DE
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[54] **POLYPEPTIDE DE FUSION ANTICANCEREUX**
[72] HINNER, MARLON, DE
[72] BEL AIBA, RACHIDA SIHAM, DE
[72] ROTHE, CHRISTINE, DE
[72] OLWILL, SHANE, DE
[72] SCHLOSSER, CORINNA, DE
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[72] OLWILL, SHANE, DE
[72] ALLERSDORFER, ANDREA, DE
[72] BEL AIBA, RACHIDA SIHAM, DE
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[72] ROTHE, CHRISTINE, DE
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[72] BEL AIBA, RACHIDA SIHAM, DE
[72] MOEBIUS, ULRICH, DE
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[72] JAQUIN, THOMAS JEAN, DE
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[54] **DEPOT PAR JET D'ENCRE DE REACTIFS POUR ECHANTILLONS HISTOLOGIQUES**
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[72] KOZIKOWSKI, RAYMOND T., III, US
[72] KLEIN, ERIC L., US
[72] PALUSZCYK, CHANA R., US
[72] GROLL, HENNING, US
[72] THAKUR, RAVIRAJ, US
[72] HAZARD, MELIS, US
[71] VENTANA MEDICAL SYSTEMS, INC., US
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[54] **PROCESS, METHOD, AND SYSTEM FOR REMOVING MERCURY FROM PIPELINES**
[54] **PROCESSUS, PROCEDE ET SYSTEME D'ELIMINATION DU MERCURE PRESENT DANS DES CONDUITES**
[72] O'REAR, DENNIS JOHN, US
[72] GRICE, KEVIN J., US
[72] PRADHAN, VIJAY, US
[72] DASSEY, ADAM J., US
[72] HAKAM, ALY, US
[72] TIWARY, ASHEESH, US
[71] CHEVRON U.S.A. INC., US
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[54] **COLD PLATE DESIGN IN HEAT EXCHANGER FOR INTRAVASCULAR TEMPERATURE MANAGEMENT CATHETER AND/OR HEAT EXCHANGE PAD**
[54] **CONCEPTION DE PLAQUE FROIDE DANS UN ECHANGEUR DE CHALEUR POUR CATHETER DE GESTION DE TEMPERATURE INTRAVASCULAIRE ET/OU TAMPON D'ECHANGE DE CHALEUR**
[72] DABROWIAK, JEREMY THOMAS, US
[72] PENDRY, CRAIG WENDELL, US
[72] PISTOR, CHRISTOPH MATTHIAS, US
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[25] EN
[54] **DEVICE FOR CLEANING INNER SURFACE OF PIPE**
[54] **DISPOSITIF POUR NETTOYER LA SURFACE INTERIEURE D'UN TUYAU**
[72] LOKKINEN, MIKA, FI
[71] PICOTE OY LTD, FI
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[54] **REPRODUCTION SONORE DIFFERENTIELLE**
[72] BORSS, CHRISTIAN, DE
[72] SAARI, VILLE, DE
[72] SCHMIDT, MARKUS, DE
[72] FALLER, CHRISTOF, CH
[72] WALTHER, ANDREAS, DE
[71] FRAUNHOFER-GESELLSCHAFT ZUR FORDERUNG DER ANGEWANDTEN FORSCHUNG E.V., DE
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[54] **ANTICORPS ANTI-PARASITE PLASMODIUM**
[72] FENDEL, ROLF, DE
[72] BARTH, STEFAN, ZA
[72] FISCHER, RAINER, DE
[72] REIMANN, ANDREAS, DE
[72] MASKUS, DOMINIKA, DE
[72] KLOCKENBRING, TORSTEN, DE
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[54] **ANALOGUE ACYLE DU GLUCAGON**
[72] RIBER, DITTE, DK
[72] TOLBORG, JAKOB LIND, DK
[72] HAMPRECHT, DIETER WOLFGANG, DE
[72] THOMAS, LEO, DE
[71] ZEALAND PHARMA A/S, DK
[71] BOEHRINGER INGELHEIM INTERNATIONAL GMBH, DE
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[25] EN
[54] **A FUNCTIONAL COPPER SULFIDE COMPOSITION AND A FUNCTIONAL FIBER PRODUCED THEREFROM**
[54] **COMPOSITION DE SULFURE DE CUIVRE FONCTIONNELLE ET FIBRE FONCTIONNELLE PREPAREE A PARTIR DE CELLE-CI**
[72] LEE, KYU SANG, KR
[72] LEE, BONG HEE, KR
[71] RETEND CO., LTD., KR
[85] 2017-09-26
[86] 2016-03-22 (PCT/KR2016/002885)
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[25] EN
[54] **CATALYZED FILTERS WITH END COATING FOR LEAN ENGINE EXHAUST**
[54] **FILTRES CATALYSES AVEC REVETEMENT D'EXTREMITE POUR MOTEUR A MELANGE PAUVRE**
[72] LI, YUEJIN, US
[72] ROTH, STANLEY A., US
[71] BASF CORPORATION, US
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[25] EN
[54] **MULTIFUNCTIONAL FILTERS FOR DIESEL EMISSION CONTROL**
[54] **FILTRES MULTIFONCTIONNELS POUR LA REGULATION D'EMISSIONS DIESEL**
[72] LI, YUEJIN, US
[72] ROTH, STANLEY A., US
[71] BASF CORPORATION, US
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[25] EN
[54] **MULTIFUNCTIONAL FILTERS FOR DIESEL EMISSION CONTROL**
[54] **FILTRES MULTIFONCTIONNELS DE REGULATION DES EMISSIONS DE DIESEL**
[72] LI, YUEJIN, US
[72] ROTH, STANLEY A., US
[71] BASF CORPORATION, US
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[54] **CARTON WITH HANDLE**
[54] **CARTON DOTE D'UNE POIGNEE**
[72] BALDINO, MARK, US
[72] BATES, AARON LEE, US
[71] GRAPHIC PACKAGING INTERNATIONAL, INC., US
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[25] EN
[54] **METHOD FOR REMOVING NITROGEN FROM A HYDROCARBON-RICH FRACTION**
[54] **PROCEDE DE SEPARATION DE L'AZOTE D'UNE FRACTION RICHE EN HYDROCARBURES**
[72] BAUER, HEINZ, DE
[72] WARTER, MICHAEL, DE
[71] LINDE AKTIENGESELLSCHAFT, DE
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[25] EN
[54] **SPECTROMETRIC ANALYSIS**
[54] **ANALYSE SPECTROMETRIQUE**
[72] RICHARDSON, KEITH, GB
[72] PRINGLE, STEVEN DEREK, GB
[72] BALOG, JULIA, HU
[72] TAKATS, ZOLTAN, GB
[71] MICROMASS UK LIMITED, GB
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[54] **ANTICORPS MONOCLONAUX ANTI-CD303**
[72] FOURNIER, NATHALIE, FR
[72] FONTAYNE, ALEXANDRE, FR
[72] DE ROMEUF, CHRISTOPHE, FR
[71] LABORATOIRE FRANCAIS DU FRACTIONNEMENT ET DES BIOTECHNOLOGIES, FR
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[72] WEST, MIKE, GB
[72] ROBERTS, KEVIN, GB
[72] CARLTON, TIM, GB
[72] MAGGIORE, LUANA, GB
[72] CUBITT, MARION, GB
[72] RAY, KEITH, GB
[71] VHSQUARED LIMITED, GB
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[25] EN
[54] **PEPTIDE CONSTRUCT HAVING A PROTEASE-CLEAVABLE LINKER**
[54] **CONSTRUCTION PEPTIDIQUE COMPORTANT UN LIEUR CLIVABLE PAR UNE PROTEASE**
[72] CROWE, SCOTT, GB
[72] WEST, MIKE, GB
[72] ROBERTS, KEVIN, GB
[71] VHSQUARED LIMITED, GB
[85] 2017-09-27
[86] 2016-03-31 (PCT/EP2016/057022)
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[54] **A CYLINDER VALVE WITH INTEGRATED PRESSURE REGULATOR**
[54] **SOUPAPE DE CYLINDRE AYANT UN REGULATEUR DE PRESSION INTEGRE**
[72] COWLES, CHRISTOPHER JOHN, GB
[72] HADEN, COLIN, GB
[72] WALES, DUNCAN, GB
[72] MELLORS, MARK, GB
[71] LINDE AKTIENGESELLSCHAFT, DE
[85] 2017-09-27
[86] 2016-03-31 (PCT/EP2016/057116)
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[54] **POLYPEPTIDES**
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[72] WEST, MIKE, GB
[72] ROBERTS, KEVIN, GB
[72] CARLTON, TIM, GB
[71] VHSQUARED LIMITED, GB
[85] 2017-09-27
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[51] **Int.Cl. B01D 53/86 (2006.01) C01B 17/765 (2006.01)**
[25] EN
[54] **CONTINUOUS PROCESS AND APPARATUS FOR PURIFYING SO2-CONTAINING GASES**
[54] **PROCEDE EN CONTINU ET DISPOSITIF DE PURIFICATION DE GAZ CONTENANT SO2**
[72] WEBER, TORSTEN, DE
[72] ERKES, BERND, DE
[72] FERNANDEZ LOPEZ, LUCIA, DE
[71] CHEMETICS INC., CA
[85] 2017-09-27
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[25] EN
[54] **CLOSED CAMERA PHOTOCELL AND STREET LAMP DEVICE**
[54] **CELLULE PHOTOELECTRIQUE DE CAMERA FERMEE URBAINE INTELLIGENTE ET DISPOSITIF D'ECLAIRAGE PUBLIC**
[72] NOONE, SEAN, IE
[71] WESTIRE TECHNOLOGY LIMITED, IE
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[51] **Int.Cl. C07K 16/28 (2006.01) C07K 7/00 (2006.01)**
[25] EN
[54] **NEW METHODS FOR EPITOPE SELECTION**
[54] **NOUVEAUX PROCEDES DE SELECTION D'EPITOPE**
[72] ORWAR, OWE, SE
[72] TRKULJA, CAROLINA, SE
[71] OBLIQUE THERAPEUTICS AB, SE
[85] 2017-09-27
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[25] EN
[54] **METHOD OF PLANT IMPROVEMENT USING ASPARTATE KINASE - HOMOSERINE DEHYDROGENASE**
[54] **PROCEDE D'AMELIORATION DE PLANTES A L'AIDE D'ASPARTATE KINASE-HOMOSERINE DESHYDROGENASE**
[72] LAFARGE, STEPHANE, FR
[72] ROUSTER, JACQUES, FR
[72] TORNEY, FRANCOIS, FR
[72] MARTIN, JEROME, FR
[71] BIOGEMMA, FR
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[51] **Int.Cl. A61K 9/20 (2006.01) A61K 9/28 (2006.01) A61K 31/4422 (2006.01)**
[25] EN
[54] **ORAL SOLID DOSAGE FORM OF AMLODIPINE AND VETERINARY USES THEREOF**
[54] **FORME GALENIQUE SOLIDE DE L'AMLODIPINE POUR ADMINISTRATION PAR VOIE ORALE ET SES UTILISATIONS VETERINAIRES**
[72] CHARLES, ROMAIN, FR
[72] GARCIA, ROSITA, FR
[71] CEVA SANTE ANIMALE, FR
[85] 2017-09-27
[86] 2016-03-31 (PCT/EP2016/057172)
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[25] EN
[54] **LIGHT PROTECTIVE BOTTLE DESIGN**
[54] **CONFIGURATION DE BOUTEILLE A PROTECTION CONTRE LA LUMIERE**
[72] STANCIK, CHERYL MARIE, US
[72] NIEDENZU, PHILIPP MARTIN, US
[72] CONNOLLY, J. DON, JR., US
[71] THE CHEMOURS COMPANY TT, LLC, US
[85] 2017-09-26
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[25] EN
[54] **NANOPARTICLE-BASED ANTIGEN SPECIFIC IMMUNOTHERAPY**
[54] **IMMUNOTHERAPIE SPECIFIQUE D'ANTIGENES A BASE DE NANOPARTICULES**
[72] MCATEER, MARTINA, GB
[72] DAYAN, COLIN MARK, GB
[72] BIRCHALL, JAMES CARADOC, GB
[71] MIDATECH LIMITED, GB
[71] UNIVERSITY COLLEGE CARDIFF CONSULTANTS LIMITED, GB
[71] NANOPASS TECHNOLOGIES LTD., IL
[71] LEIDEN UNIVERSITY MEDICAL CENTER, NL
[71] INSTITUT NATIONAL DE LA SANTE ET DE LA RECHERCHE MEDICALE, FR
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[51] **Int.Cl. C07D 413/04 (2006.01)**
[25] EN
[54] **CRYSTALLINE FORM OF THE COMPOUND (S)-3-{4-[5-(2-CYCLOPENTYL-6-METHOXY-PYRIDIN-4-YL)-[1,2,4]OXADIAZOL-3-YL]-2-ETHYL-6-METHYL-PHENOXY}-PROPANE-1,2-DIOL**
[54] **FORME CRISTALLINE DU COMPOSE (S)-3-{4-[5-(2-CYCLOPENTYL-6-METHOXY-PYRIDIN-4-YL)-[1,2,4]OXADIAZOL-3-YL]-2-ETHYL-6-METHYL-PHENOXY}-PROPANE-1,2-DIOL**
[72] LESCOP, CYRILLE, CH
[71] IDORSIA PHARMACEUTICALS LTD, CH
[85] 2017-09-27
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[25] EN
[54] **STABILIZED COMPOSITION FOR COMBINED ODOR CONTROL AND ENHANCED DEWATERING**
[54] **COMPOSITION STABILISEE POUR LUTTE CONTRE LES ODEURS ET DESHYDRATATION RENFORCEE COMBINEES**
[72] BURKE, ADRIAN ALAN, US
[72] GLYNN, SCOTT C., US
[72] TROTTIER, MICHAEL C., US
[71] INTERNATIONAL DIOXIDE, INC., US
[85] 2017-09-27
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[25] EN
[54] **ABSORBENT ARTICLES HAVING NONWOVEN SUBSTRATES WITH REACTIVE INK COMPOSITIONS**
[54] **ARTICLES ABSORBANTS AYANT DES SUBSTRATS NON TISSES AVEC DES COMPOSITIONS D'ENCRES REACTIVES**
[72] SAUER, LINDA ANN, US
[72] MALDONADO, CLARISSA, US
[72] RAABE, KYLE JAMES, US
[72] WARNER, ALRICK VINCENT, US
[71] THE PROCTER & GAMBLE COMPANY, US
[85] 2017-09-27
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[51] **Int.Cl. G01N 33/574 (2006.01) A61K 31/553 (2006.01) C12Q 1/68 (2006.01)**
[25] EN
[54] **METHODS OF TREATMENT WITH TASELISIB**
[54] **METHODES DE TRAITEMENT AVEC DU TASELISIB**
[72] EDGAR, KYLE, US
[72] FRIEDMAN, LORI, US
[72] SAMPATH, DEEPAK, US
[72] SONG, KYUNG, US
[72] WERTZ, INGRID, US
[72] WILSON, TIMOTHY, US
[71] F. HOFFMANN-LA ROCHE AG, CH
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[51] **Int.Cl. B65D 77/04 (2006.01)**
[25] EN
[54] **PALLET-LIKE UNDERSTRUCTURE FOR TRANSPORT AND STORAGE CONTAINERS FOR LIQUIDS**
[54] **BATI INFERIEUR EN FORME DE PALETTE POUR RECIPIENTS DE TRANSPORT ET DE STOCKAGE DE LIQUIDES**
[72] PAUL, ULRICH, DE
[71] PROTECHNA S.A., CH
[85] 2017-08-01
[86] 2016-02-02 (PCT/EP2016/052133)
[87] (WO2016/128248)
[30] DE (20 2015 000 994.8) 2015-02-11

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[51] **Int.Cl. E04H 9/14 (2006.01) B32B 5/02 (2006.01) B32B 27/32 (2006.01) E04B 1/66 (2006.01)**
[25] EN
[54] **SYSTEM AND METHODS TO PREVENT THE INGRESS OF WATER USING A TEMPORARY, REMOVABLE IMPERVIOUS SHEET**
[54] **SYSTEME ET PROCEDE POUR EMPECHER L'ENTREE D'EAU A L'AIDE D'UNE FEUILLE IMPERMEABLE AMOVIBLE TEMPORAIRE**
[72] CLOHESSY, WILLIAM, IE
[71] CLOHESSY, WILLIAM, IE
[85] 2017-09-28
[86] 2015-08-12 (PCT/EP2015/068603)
[87] (WO2016/155845)
[30] AU (2015901179) 2015-04-01

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[51] **Int.Cl. A24F 47/00 (2006.01)**
[25] EN
[54] **EXTENDED HEATER AND HEATING ASSEMBLY FOR AN AEROSOL GENERATING SYSTEM**
[54] **APPAREIL DE CHAUFFAGE ETENDU ET ENSEMBLE DE CHAUFFAGE POUR UN SYSTEME DE GENERATION D'AEROSOL**
[72] MINZONI, MIRKO, CH
[72] PLOJOUX, JULIEN, CH
[72] MAHLER, BORIS, CH
[71] PHILIP MORRIS PRODUCTS S.A., CH
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[51] **Int.Cl. C07C 29/17 (2006.01) C07D 307/08 (2006.01)**
[25] EN
[54] **PROCESS FOR THE PRODUCTION OF 1,4-BUTANEDIOL AND TETRAHYDROFURAN FROM FURAN**
[54] **PROCEDE DE PRODUCTION DE 1,4-BUTANEDIOL ET DE TETRAHYDROFURANE A PARTIR DE FURANE**
[72] LANGE, JEAN PAUL ANDRE MARIE JOSEPH GHISLAIN, NL
[72] HAAN, RENE JOHAN, NL
[71] SHELL INTERNATIONALE RESEARCH MAATSCHAPPIJ B.V., NL
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[51] **Int.Cl. H04L 9/32 (2006.01) H04L 9/08 (2006.01)**
[25] EN
[54] **HASHED DATA RETRIEVAL METHOD**
[54] **PROCEDE DE RECUPERATION DE DONNEES HACHEES**
[72] DEQUEN, GILLES, FR
[72] LEGENDRE, FLORIAN, FR
[72] KRAJECKI, MICHAEL, FR
[71] UNIVERSITE DE REIMS CHAMPAGNE-ARDENNE, FR
[71] UNIVERSITE DE PICARDIE JULES VERNE, FR
[85] 2017-09-28
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[13] A1
[51] **Int.Cl. C12N 15/67 (2006.01) C07K 16/46 (2006.01) C12P 21/02 (2006.01)**
[25] EN
[54] **METHOD FOR OPTIMIZING THE ASSEMBLY AND PRODUCTION OF HETERO-MULTIMERIC PROTEIN COMPLEXES**
[54] **PROCEDE D'OPTIMISATION DE L'ASSEMBLAGE ET DE LA PRODUCTION DE COMPLEXES PROTEIQUES HETERO-MULTIMERES**
[72] MAGISTRELLI, GIOVANNI, CH
[72] MALINGE, PAULINE, CH
[72] POITEVIN, YVES, CH
[72] FISCHER, NICOLAS, CH
[71] NOVIMMUNE SA, CH
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[86] 2016-03-31 (PCT/EP2016/057147)
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[51] **Int.Cl. B65D 50/04 (2006.01) B65D 41/34 (2006.01)**
[25] EN
[54] **SAFETY CAPSULE FOR A CONTAINER**
[54] **CAPSULE DE SECURITE POUR UN CONTENANT**
[72] PAGANUZZI, VALERIO, IT
[71] BORMIOLI ROCCO S.P.A., IT
[85] 2017-09-28
[86] 2016-03-30 (PCT/IB2016/051797)
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[51] **Int.Cl. A61F 9/008 (2006.01)**
[25] FR
[54] **OPHTHALMIC SURGICAL APPARATUS**
[54] **APPAREIL DE CHIRURGIE OPHTALMIQUE**
[72] CHASSAGNE, BRUNO, FR
[72] DELOISON, FLORENT, FR
[72] TOUBOUL, DAVID, FR
[72] SALIN, FRANCOIS, FR
[72] DESLANDES, PIERRE, FR
[71] ALPHANOV CENTRE TECHNOLOGIQUE OPTIQUE ET LASERS, FR
[71] CENTRE HOSPITALIER UNIVERSITAIRE DE BORDEAUX, FR
[71] MORIA LASE, FR
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[25] EN
[54] **SYSTEM AND METHOD TO CARRY OUT A FLOOR RELATED ACTION**
[54] **SYSTEME ET PROCEDE PERMETTANT D'EFFECTUER UNE ACTION RELATIVE A UN SOL**
[72] WISSE, DIK-JAN, NL
[72] VAN DEN BERG, KAREL, NL
[71] LELY PATENT N.V., NL
[85] 2017-09-28
[86] 2016-04-12 (PCT/NL2016/050253)
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[25] EN
[54] **A COOLED CARRIER**
[54] **SUPPORT REFRIGERE**
[72] POMPEN, PETER, GB
[72] NIEMANSVERDRIET, HENK, GB
[71] ASDA STORES LIMITED, GB
[85] 2017-09-28
[86] 2016-05-06 (PCT/GB2016/051292)
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[25] EN
[54] **SKI BOOT AND STRAP COMBINATION PROVIDING ENHANCED LATERAL PERFORMANCE**
[54] **COMBINAISON DE CHAUSSURE DE SKI ET DE SANGLE FOURNISSANT UNE MEILLEURE PERFORMANCE LATERALE**
[72] FOUGERE, RAYMOND, US
[71] FOUGERE, RAYMOND, US
[85] 2017-09-28
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[51] **Int.Cl. A24F 47/00 (2006.01)**
[25] EN
[54] **SMOKING ARTICLE WITH COMBUSTIBLE HEAT SOURCE GRIPPING MEANS**
[54] **ARTICLE A FUMER AVEC MOYEN DE PREHENSION DE SOURCE THERMIQUE COMBUSTIBLE**
[72] MALGAT, ALEXANDRE, CH
[72] BATISTA, RUI NUNO, CH
[71] PHILIP MORRIS PRODUCTS S.A., CH
[85] 2017-09-28
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[25] EN
[54] **KNOCK SENSOR NETWORK SYSTEMS AND METHODS FOR CHARACTERIZING NOISES**
[54] **SYSTEMES DE RESEAU DE CAPTEURS DE CLIQUETIS ET PROCEDES POUR CARACTERISER DES BRUITS**
[72] BIZUB, JEFFREY JACOB, US
[71] GENERAL ELECTRIC COMPANY, US
[85] 2017-09-28
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[25] EN
[54] **CELL WASHING DEVICE USING CENTRIFUGAL FORCE**
[54] **DISPOSITIF DE LAVAGE DE CELLULES A L'AIDE DE LA FORCE CENTRIFUGE**
[72] LEACH, MICHAEL D., US
[71] BIOMET BIOLOGICS, LLC, US
[85] 2017-09-28
[86] 2016-03-23 (PCT/US2016/023762)
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[25] EN
[54] **PARTITIONABLE PAPER PRODUCT**
[54] **PRODUIT EN PAPIER POUVANT ETRE DIVISE**
[72] OLSON, STEVEN R., US
[72] HOADLEY, DAVID A., US
[72] DAUL, THOMAS J., US
[71] GPCP IP HOLDINGS LLC, US
[85] 2017-09-28
[86] 2016-05-24 (PCT/US2016/033918)
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[30] US (62/166,488) 2015-05-26
[30] US (15/162,053) 2016-05-23
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[51] **Int.Cl. B29C 59/04 (2006.01) B29C 37/00 (2006.01) B29D 11/00 (2006.01)**
[25] EN
[54] **VENTED TOOLING BELT FOR PRODUCTION OF STRUCTURED SURFACES**
[54] **COURROIE DE FACONNAGE A ORIFICES POUR LA PRODUCTION DE SURFACES STRUCTUREES**
[72] AGASHE, NIKHIL R., US
[72] PECK, JOHN D., US
[72] GALICIA, ETHELBERT, US
[72] CHAPMAN, STEVEN R., US
[71] AVERY DENNISON CORPORATION, US
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[51] **Int.Cl. G08B 13/24 (2006.01) G06Q 20/32 (2012.01)**
[25] FR
[54] **DEVICE FOR PROTECTION AGAINST THEFT**
[54] **DISPOSITIF DE PROTECTION CONTRE LE VOL**
[72] BRIER, ERIC, FR
[72] MARTINEZ, PIERRE, FR
[71] INGENICO GROUP, FR
[85] 2017-09-28
[86] 2016-03-31 (PCT/EP2016/057142)
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[30] FR (1552762) 2015-03-31

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[51] **Int.Cl. C07D 471/04 (2006.01) A61K 31/4375 (2006.01) A61P 35/00 (2006.01)**
[25] EN
[54] **IMIDAZOLONYL QUINOLINES AND USE THEREOF AS ATM KINASE INHIBITORS**
[54] **IMIDAZOLONYLQUINOLEINES ET LEUR UTILISATION COMME INHIBITEURS DES KINASES ATM**
[72] FUCHSS, THOMAS, DE
[72] SCHIEMANN, KAI, DE
[71] MERCK PATENT GMBH, DE
[85] 2017-09-29
[86] 2016-03-31 (PCT/EP2016/000542)
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[30] EP (15000968.6) 2015-04-02

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[51] **Int.Cl. B01D 53/14 (2006.01) B01D 53/62 (2006.01) B01D 53/86 (2006.01)**
[25] EN
[54] **DEVICE AND METHOD FOR SEPARATING CARBON DIOXIDE FROM A GAS FLOW**
[54] **DISPOSITIF ET PROCEDE DE SEPARATION DE DIOXYDE DE CARBONE D'UN FLUX GAZEUX**
[72] PLEISSNER, CHRISTIAN, DE
[72] REICHL, ALBERT, DE
[72] SCHRAMM, HENNING, DE
[72] ZIMMERMANN, GERHARD, DE
[71] SIEMENS AKTIENGESELLSCHAFT, DE
[85] 2017-09-29
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[87] (WO2016/155929)
[30] DE (10 2015 206 050.0) 2015-04-02

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[13] A1
[51] **Int.Cl. B03D 1/008 (2006.01) B03D 1/01 (2006.01)**
[25] EN
[54] **COMPOSITION OF FATTY ACIDS AND N-ACYL DERIVATIVES OF SARCOSINE FOR THE IMPROVED FLOTATION OF NONSULFIDE MINERALS**
[54] **COMPOSITION D'ACIDES GRAS ET DE DERIVES D'ACYLE N DE SARCOSINE POUR LA FLOTTATION AMELIOREE DE MINERAIS NON SULFURES**
[72] PEDAIN, KLAUS-ULRICH, DE
[72] PITARCH LOPEZ, JESUS, DE
[72] LIPOWSKY, GUNTER, DE
[72] BEZUIDENHOUT, JACQUES COLLIN, DE
[71] CLARIANT INTERNATIONAL LTD, CH
[85] 2017-09-29
[86] 2016-03-01 (PCT/EP2016/054291)
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[51] **Int.Cl. A61K 8/34 (2006.01) A61K 8/60 (2006.01) A61K 8/96 (2006.01) A61K 8/98 (2006.01) A61K 9/00 (2006.01) A61K 35/08 (2015.01) A61P 11/02 (2006.01) A61Q 11/00 (2006.01)**
[25] FR
[54] **AQUEOUS IONIC SOLUTION, MADE FROM DISSOLVED MINERAL SALTS, IN PARTICULAR INTENDED FOR THROAT CARE**
[54] **SOLUTION IONIQUE AQUEUSE, A BASE DE SELS MINERAUX DISSOUS, NOTAMMENT DESTINEE AUX SOINS DE LA GORGE**
[72] BERTAUD, OLIVIER, FR
[72] BEAULIEU, ANNE, FR
[72] MIMOT, LUDOVIC, FR
[71] LABORATOIRE DE LA MER, FR
[85] 2017-09-29
[86] 2016-03-08 (PCT/EP2016/054935)
[87] (WO2016/155992)
[30] FR (1552862) 2015-04-02

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[51] **Int.Cl. A22C 11/12 (2006.01) B65B 51/04 (2006.01)**
[25] EN
[54] **END CLOSURE FOR AN EDIBLE COLLAGEN CASING AND A METHOD FOR OBTAINING THEREOF**
[54] **FERMETURE D'EXTREMITE POUR UN BOYAU DE COLLAGENE COMESTIBLE ET PROCEDE D'OBTENTION CORRESPONDANT**
[72] GARCIA, ION, INAKI, CN
[72] ETAYO GARRALDA, VICENTE, CN
[72] NEGRI, JUAN, CN
[71] VISCOFAN TECHNOLOGY (SUZHOU) CO., LTD., CN
[85] 2017-09-29
[86] 2016-03-30 (PCT/EP2016/056896)
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[30] CN (201510144302.0) 2015-03-30

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[51] **Int.Cl. C07D 233/58 (2006.01) A01N 43/50 (2006.01) C07D 233/60 (2006.01) C07D 233/68 (2006.01) C07D 233/74 (2006.01) C07D 233/84 (2006.01) C07D 233/92 (2006.01) C07D 401/06 (2006.01)**
[25] EN
[54] **NOVEL 5-SUBSTITUTED IMIDAZOLE DERIVATIVES**
[54] **NOUVEAUX DERIVES D'IMIDAZOLE A SUBSTITUTION EN POSITION 5**
[72] HOFFMANN, SEBASTIAN, DE
[72] HELMKE, HENDRIK, DE
[72] DAHMEN, PETER, DE
[72] WACHENDORFF-NEUMANN, ULRIKE, DE
[72] BERNIER, DAVID, DE
[72] MILLER, RICARDA, FR
[72] COQUERON, PIERRE-YVES, FR
[72] GENIX, PIERRE, FR
[72] WITTROCK, SVEN, DE
[72] VORS, JEAN-PIERRE, FR
[72] KENNEL, PHILIPPE, FR
[72] BRUNET, STEPHANE, FR
[72] NAUD, SEBASTIEN, FR
[72] MEISSNER, RUTH, DE
[71] BAYER CROPSCIENCE AKTIENGESELLSCHAFT, DE
[85] 2017-09-29
[86] 2016-03-29 (PCT/EP2016/056764)
[87] (WO2016/156290)
[30] EP (15162437.6) 2015-04-02

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[13] A1
[51] **Int.Cl. A21D 13/00 (2017.01) A21D 15/00 (2006.01)**
[25] EN
[54] **PROCESS FOR THE PRODUCTION OF A CHOCOLATE SNACK AND SNACK WHICH CAN BE OBTAINED USING THIS PROCESS**
[54] **PROCEDE POUR LA PRODUCTION DE COLLATION AU CHOCOLAT, ET COLLATION POUVANT ETRE OBTENUE A L'AIDE DE CE PROCEDE**
[72] BUTTINI, ROBERTO, IT
[72] FERRARI, CORRADO, IT
[72] D'URSO, ALESSIO, IT
[72] RIBOLDI, GIANCARLO, IT
[71] BARILLA G. E R. FRATELLI S.P.A., IT
[85] 2017-09-29
[86] 2016-03-30 (PCT/EP2016/056946)
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[51] **Int.Cl. C07D 249/08 (2006.01) A01N 43/653 (2006.01)**
[25] EN
[54] **TRIAZOLE DERIVATIVES AS PESTICIDES AND PLANT GROWTH REGULATORS**
[54] **DERIVES DE TRIAZOLE EN TANT QUE PESTICIDES ET REGULATEURS DE CROISSANCE DES PLANTES**
[72] PERIS, GORKA, DE
[72] BENTING, JURGEN, DE
[72] DAHMEN, PETER, DE
[72] WACHENDORFF-NEUMANN, ULRIKE, DE
[72] COQUERON, PIERRE-YVES, FR
[72] GENIX, PIERRE, FR
[72] BRUNET, STEPHANE, FR
[72] MILLER, RICARDA, FR
[72] BERNIER, DAVID, FR
[72] VORS, JEAN-PIERRE, FR
[72] WITTROCK, SVEN, FR
[72] KENNEL, PHILIPPE, FR
[72] NAUD, SEBASTIEN, FR
[72] MEISSNER, RUTH, DE
[71] BAYER CROPSCIENCE AKTIENGESELLSCHAFT, DE
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[30] EP (15162418.6) 2015-04-02

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[51] **Int.Cl. A61F 13/02 (2006.01) A61F 7/00 (2006.01) A61K 9/70 (2006.01) A61L 15/44 (2006.01) H05B 3/34 (2006.01) A61F 13/00 (2006.01)**
[25] EN
[54] **ELECTRICALLY HEATABLE PLASTER**
[54] **PANSEMENT POUVANT ETRE CHAUFFE ELECTRIQUEMENT**
[72] KLAFFENBACH, PETER, DE
[71] LTS LOHMANN THERAPIE-SYSTEME AG, DE
[85] 2017-09-29
[86] 2016-04-08 (PCT/EP2016/057756)
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[30] EP (15162818.7) 2015-04-08

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[51] **Int.Cl. A61K 39/395 (2006.01) A61K 39/00 (2006.01) A61P 31/18 (2006.01) C07K 16/28 (2006.01)**
[25] EN
[54] **BISPECIFIC CXCR4-CD4 POLYPEPTIDES WITH POTENT ANTI-HIV ACTIVITY**
[54] **POLYPEPTIDES CXCR4-CD4 BISPECIFIQUES A ACTIVITE ANTI-VIH PUISSANTE**
[72] SOARES, HUGO, PT
[72] SCHOLS, DOMINIQUE, BE
[72] VANLANDSCHOOT, PETER, BE
[72] VAN ROMPAEY, PHILIPPE, BE
[72] STORTELERS, CATELIJNE, BE
[71] ABLYNX N.V., BE
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[25] EN
[54] **PROCESSES FOR REDUCING THE FOULING OF SURFACES**
[54] **PROCEDES POUR REDUIRE L'ENCRASSEMENT DE SURFACES**
[72] KONRADI, RUPERT, DE
[72] CEPRAGA, CHRISTINA, DE
[72] STAUDT, CLAUDIA, DE
[72] VON VACANO, BERNHARD ULRICH, DE
[72] KELLERMEIER, MATTHIAS, DE
[72] STENGEL, PETER, DE
[72] BAUMANN, PETER, DE
[72] MARTY, LAURENT, DE
[72] KUHN, JELAN, DE
[72] SCHAUKSDAT, SARAH-JANE, DE
[72] WEGMANN, LUDGER, DE
[72] BOHRER, ERIK, DE
[71] BASF SE, DE
[85] 2017-09-29
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[30] EP (15163306.2) 2015-04-13

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[51] **Int.Cl. A24B 15/20 (2006.01) A24B 15/14 (2006.01)**
[25] EN
[54] **HOMOGENIZED TOBACCO MATERIAL AND METHOD OF PRODUCTION OF HOMOGENIZED TOBACCO MATERIAL**
[54] **SUBSTANCE DE TABAC HOMOGENEISEE ET PROCEDE DE PRODUCTION DE SUBSTANCE DE TABAC HOMOGENEISEE**
[72] AJITHKUMAR, ANU, CH
[72] PIJNENBURG, JOHANNES PETRUS MARIA, CH
[72] WAIRIMU, ESTHER, CH
[71] PHILIP MORRIS PRODUCTS S.A., CH
[85] 2017-09-29
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[30] EP (15162260.2) 2015-04-01

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[51] **Int.Cl. C07D 487/04 (2006.01) A61K 31/437 (2006.01) A61P 31/16 (2006.01) C07D 519/00 (2006.01)**
[25] EN
[54] **RSV ANTIVIRAL PYRAZOLO- AND TRIAZOLO-PYRIMIDINE COMPOUNDS**
[54] **COMPOSES DE PYRAZOLO- ET TRIAZOLO-PYRIMIDINE ANTIVIRAUX DU VIRUS RESPIRATOIRE SYNCYTIAL (VRS)**
[72] LANCOIS, DAVID FRANCIS ALAIN, FR
[72] GUILLEMONT, JEROME EMILE GEORGES, FR
[72] RABOISSON, PIERRE JEAN-MARIE BERNARD, BE
[72] ROYMANS, DIRK ANDRE EMMY, BE
[72] ROGOVOY, BORIS, US
[72] BICHKO, VADIM, US
[72] LARDEAU, DELPHINE YVONNE RAYMONDE, FR
[72] MICHAUT, ANTOINE BENJAMIN, FR
[72] KOUL, ANIL, BE
[71] JANSSEN SCIENCES IRELAND UC, IE
[85] 2017-09-29
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[30] US (62/153,753) 2015-04-28
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[51] **Int.Cl. C12N 9/28 (2006.01)**
[25] EN
[54] **ALPHA-AMYLASE VARIANTS AND POLYNUCLEOTIDES ENCODING SAME**
[54] **VARIANTS D'ALPHA-AMYLASE ET POLYNUCLEOTIDES CODANT POUR CES DERNIERS**
[72] ANDERSEN, CARSTEN, DK
[72] GHADIYARAM, CHAKSHUSMATHI, IN
[72] SAINATHAN, RAJENDRA KULOTHUNGAN, IN
[72] BALUMURI, PADMAVATHI, IN
[72] IYER, PADMA, VENKATACHALAM, IN
[72] DAMAGER, IBEN, DK
[72] MUNCH, ASTRID, DK
[72] DALAL, SOHEL, IN
[71] NOVOZYMES A/S, DK
[85] 2017-09-29
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[87] (WO2016/180748)
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[54] **RADIO TRANSMISSION BETWEEN AN AIRCRAFT AND ITS ENVIRONMENT, THROUGH THE WINDOW OF SAID AIRCRAFT**
[54] **TRANSMISSION RADIO ENTRE UN AERONEF ET SON ENVIRONNEMENT A TRAVERS LES FENETRES DE L'AERONEF**
[72] LIEBE, JORG, DE
[72] HOMMEL, PETER, DE
[71] LUFTHANSA SYSTEMS GMBH & CO. KG, DE
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[54] **STABILIZED DAMPING ELEMENT, AS WELL AS WATER BARRIER HAVING SUCH DAMPING ELEMENTS**
[54] **ELEMENT D'AMORTISSEMENT STABILISE, ET BARRIERE CONTRE L'EAU COMPORTANT CES ELEMENTS D'AMORTISSEMENT**
[72] HILL, HANS (DECEASED), NL
[71] HILL INNOVATIONS B.V., NL
[85] 2017-09-29
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[87] (WO2016/159775)
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[51] **Int.Cl. A63C 11/08 (2006.01) A63C 11/04 (2006.01) A63C 11/06 (2006.01) A63C 11/14 (2006.01)**
[25] EN
[54] **SNOW SPORT EQUIPMENT WAXING DEVICE AND METHOD**
[54] **DISPOSITIF ET PROCEDE DE FARTAGE D'EQUIPEMENTS DE SPORT DE NEIGE**
[72] HART, JONATHAN NEIL, US
[72] RAHIM, NAEEM, US
[72] HOWELLS, DEVIN OWEN, US
[72] WITHAM, CHRIS, US
[72] RAHIM, FAHIM, US
[72] EISENBARTH, ADAM CHRISTIAN, US
[72] HUNT, JONATHAN E., US
[72] GIPPLE, ROBERT SCOTT, US
[72] JOURNELL, PETER, US
[71] SKIQUIKY, INC., US
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[25] EN
[54] **EDGE AIR NOZZLES FOR BELT-TYPE SEPARATOR DEVICES**
[54] **BUSES D'AIR DE BORD POUR DISPOSITIFS DE SEPARATION DU TYPE A BANDE**
[72] BUSH, TED W., US
[72] FLYNN, KYLE P., US
[72] LEAF, HARRY VINCENT, US
[72] SERT, BULENT, US
[71] SEPARATION TECHNOLOGIES LLC, US
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[25] FR
[54] **LOCOMOTION DEVICE ON CASTORS**
[54] **APPAREIL DE LOCOMOTION A ROULETTES**
[72] HILT, THIERRY, FR
[71] COMMISSARIAT A L'ENERGIE ATOMIQUE ET AUX ENERGIES ALTERNATIVES, FR
[85] 2017-10-02
[86] 2016-04-04 (PCT/FR2016/050758)
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[51] **Int.Cl. A61F 2/966 (2013.01) A61B 17/12 (2006.01)**
[25] EN
[54] **IMPLANT, SYSTEM FOR INSERTING SAME, AND INSERTION DEVICE THEREFOR**
[54] **IMPLANT, SYSTEME D'INSERTION ASSOCIE ET DISPOSITIF D'INSERTION ASSOCIE**
[72] NEUMANN, TILL, DE
[72] SCHEUERMANN, TORSTEN, DE
[72] NATHE, NIKLAS MAXIMILIAN, DE
[71] UNIVERSITAT DUISBURG-ESSEN, DE
[71] CORAMAZE TECHNOLOGIES GMBH, DE
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[25] EN
[54] **A METHOD FOR PRODUCING OIL-BASED COMPONENTS**
[54] **PROCEDE DE PRODUCTION DE CONSTITUANTS A BASE D'HUILE**
[72] MAKKONEN, JAANA, FI
[72] KETTUNEN, MIKA P., FI
[71] NESTE CORPORATION, FI
[85] 2017-10-02
[86] 2016-04-15 (PCT/EP2016/058365)
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[25] EN
[54] **SPACER FOR ROAD SAFETY BARRIER**
[54] **ELEMENT D'ECARTEMENT POUR BARRIERE DE SECURITE ROUTIERE**
[72] GREMLING, MICHAEL, BE
[71] ARCELORMITTAL, LU
[85] 2017-10-02
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[25] FR
[54] **COMPOUNDS WITH PHOSPHINE OXIDE AND AMINE FUNCTIONS, USEFUL AS URANIUM (VI) LIGANDS, AND USES THEREOF, IN PARTICULAR FOR EXTRACTING URANIUM (VI) FROM AQUEOUS SOLUTIONS OF SULPHURICACID**
[54] **COMPOSES A FONCTIONS OXYDE DE PHOSPHINE ET AMINE, UTILES COMME LIGANDS DE L'URANIUM(VI), ET LEURS UTILISATIONS, NOTAMMENT POUR EXTRAIRE L'URANIUM(VI) DE SOLUTIONS AQUEUSES D'ACIDESULFURIQUE**
[72] PELLET-ROSTAING, STEPHANE, FR
[72] LEYDIER, ANTOINE, FR
[72] ARRACHART, GUILHEM, FR
[72] TURGIS, RAPHAEL, FR
[72] DUBOIS, VERONIQUE, FR
[71] COMMISSARIAT A L'ENERGIE ATOMIQUE ET AUX ENERGIES ALTERNATIVES, FR
[71] CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE, FR
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[25] EN
[54] **KIT COMPRISING A MODULE AND AN ELECTRICALLY OPERATED AEROSOL-GENERATING SYSTEM**
[54] **KIT COMPRENANT UN MODULE ET UN SYSTEME DE GENERATION D'AEROSOL A COMMANDE ELECTRIQUE**
[72] BATISTA, RUI NUNO, CH
[72] HEDARCHET, STEPHANE ANTONY, CH
[71] PHILIP MORRIS PRODUCTS S.A., CH
[85] 2017-10-02
[86] 2016-04-01 (PCT/EP2016/057289)
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[25] EN
[54] **PLANT FOR WASTE DISPOSAL AND ASSOCIATED METHOD**
[54] **INSTALLATION POUR L'ELIMINATION DE DECHETS ET PROCEDE ASSOCIE**
[72] BRUCATO, ALBERTO, IT
[72] CAPUTO, GIUSEPPE, IT
[72] GRISAFI, FRANCO, IT
[72] SCARGIALI, FRANCESCA, IT
[72] TUMMINELLI, GIANLUCA, IT
[72] TUZZOLINO, GAETANO, IT
[72] D'AGOSTINO, ROBERTO, IT
[72] RIZZO, ROBERTO, IT
[71] ARCHIMEDE S.R.L., IT
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[86] 2016-04-11 (PCT/IB2016/052044)
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[25] EN
[54] **METHOD FOR MANUFACTURING A DISPENSING DEVICE FOR EYE DROPS**
[54] **PROCEDE DE FABRICATION D'UN DISPOSITIF DE DISTRIBUTION POUR GOUTTES OPHTALMIQUES**
[72] GENTILE, MARCO MARIA, IT
[71] DOMPE' FARMACEUTICI S.P.A., IT
[85] 2017-10-02
[86] 2016-04-07 (PCT/IB2016/051965)
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[25] EN
[54] **SPACER FOR ROAD SAFETY BARRIER**
[54] **PIECE INTERCALAIRE POUR BARRIERE DE SECURITE ROUTIERE**
[72] GREMLING, MICHAEL, BE
[71] ARCELORMITTAL, LU
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[25] EN
[54] **ELECTRIC ORAL HYGIENE DEVICE STORAGE CONTAINER**
[54] **RECIPIENT DE STOCKAGE DE DISPOSITIF D'HYGIENE BUCCALE ELECTRIQUE**
[72] KRESSMANN, FRANK, DE
[72] MUELLER, FRANK, DE
[72] RENZ, ANKE, DE
[72] HUEBNER, ANSGAR, DE
[72] REICK, HANSJOERG, DE
[72] DIETZEL, DANIEL, DE
[72] SCHUBERT, FRITZ, DE
[72] SABISCH, MARKUS, DE
[72] KIIVER, EGLE, DE
[71] BRAUN GMBH, DE
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[54] **T CELL RECEPTORS AND PEPTIDES DERIVED BY MUTATIONS FOR THE TREATMENT OF CANCER**
[54] **RECEPTEURS DE LYMPHOCYTES T ET PEPTIDES DERIVES PAR MUTATIONS POUR LE TRAITEMENT DU CANCER**
[72] GERHARD, MARKUS, DE
[72] BUSCH, DIRK, DE
[72] DOESSINGER, GEORG, DE
[72] SCHUMACHER, ANTONIUS, NL
[72] LINNEMANN, CARSTEN, NL
[71] TECHNISCHE UNIVERSITAET MUENCHEN, DE
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[25] EN
[54] **DUAL MANUAL DISENGAGEMENT MECHANISM FOR AN ELECTRIC TRANSIT DOOR OPERATOR**
[54] **MECANISME DE DESACCOUPLEMENT MANUEL DOUBLE POUR OPERATEUR DE PORTE DE TRANSPORT ELECTRIQUE**
[72] SCHMIDT, TIMOTHY R., US
[71] WESTINGHOUSE AIR BRAKE TECHNOLOGIES CORPORATION, US
[85] 2017-10-02
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[54] **STATION AND METHOD FOR FILLING A TANK WITH A FUEL GAS**
[54] **STATION ET PROCEDE DE REMPLISSAGE D'UN RESERVOIR AVEC UN GAZ CARBURANT**
[72] ALLIDIERES, LAURENT, FR
[72] FLYNN, JULIE, FR
[72] DEVILLIERS, CLEMENCE, FR
[72] FRANCOIS, THIBAUT, FR
[71] L'AIR LIQUIDE, SOCIETE ANONYME POUR L'ETUDE ET L'EXPLOITATION DES PROCEDES GEORGES CLAUDE, FR
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[25] EN
[54] **VEHICLE DOOR SYSTEM WITH INFINITE DOOR CHECK**
[54] **SYSTEME DE PORTIERE A VERIFICATION CONTINUE DE LA PORTIERE**
[72] GRUBER, RUDOLF, CA
[72] DANIELS, ANDREW R., CA
[71] MULTIMATIC INC., CA
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[54] **AN EXTRACT FROM INDIGO NATURALIS AND A PROCESS FOR PREPARING THE SAME**
[54] **EXTRAIT D'INDIGO NATUREL ET PROCEDE POUR LE PREPARER**
[72] CARDINAUD, ISABELLE, FR
[72] CHANTALAT, LAURENT, FR
[72] ANDRES, PHILIPPE, FR
[72] LIN, YIN-KU, TW
[72] PIERSON, JEAN-THOMAS, FR
[72] BILY, ANTOINE, FR
[72] LE BRONEC, LOIC, FR
[71] GALDERMA SA, CH
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[51] **Int.Cl. C07K 1/113 (2006.01) C07K 16/00 (2006.01)**
[25] EN
[54] **METHOD OF MONOMERISATION OF RECOMBINANT ANTIBODY MOLECULES**
[54] **PROCEDE DE MONOMERISATION DE MOLECULES D'ANTICORPS RECOMBINEES**
[72] HEYWOOD, SAM PHILIP, GB
[72] WILD, GAVIN BARRY, GB
[72] HANIF, RAZWAN, GB
[72] LE PAGE, CHRISTOPHER JOHN, GB
[71] UCB BIOPHARMA SPRL, BE
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[25] EN
[54] **DISPENSING DEVICE FOR EYE DROPS**
[54] **DISPOSITIF DE DISTRIBUTION DE GOUTTES OCULAIRES**
[72] GENTILE, MARCO MARIA, IT
[71] DOMPE' FARMACEUTICI S.P.A., IT
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[51] **Int.Cl. A61L 2/28 (2006.01)**
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[54] **PROCESS CHALLENGE DEVICE FOR AUTOMATED ENDOSCOPE REPROCESSOR**
[54] **DISPOSITIF DE TEST DE PROCESSUS POUR DISPOSITIF DE RETRAITEMENT D'ENDOSCOPE AUTOMATISE**
[72] BOMMARITO, G. MARCO, US
[71] 3M INNOVATIVE PROPERTIES COMPANY, US
[85] 2017-10-03
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[51] **Int.Cl. B65D 37/00 (2006.01) B65D 75/00 (2006.01)**
[25] EN
[54] **FLEXIBLE CONTAINER WITH FITMENT**
[54] **RECIPIENT SOUPLE AVEC DOUILLE**
[72] WILKES, KENNETH R., US
[72] GASTON, RYAN S., US
[72] BONEKAMP, JEFFREY E., US
[72] TIWARI, RASHI, US
[72] VANSUMEREN, MARK W., US
[71] DOW GLOBAL TECHNOLOGIES LLC, US
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[25] EN
[54] **FLEXIBLE CONTAINERS WITH PRODUCT DISPENSING VISIBILITY**
[54] **RECIPIENTS SOUPLES DOTES D'UNE VISIBILITE DE DISTRIBUTION DE PRODUIT**
[72] MCGUIRE, KENNETH STEPHEN, US
[72] ARENT, LEE MATHEW, US
[72] STANLEY, SCOTT KENDYL, US
[72] BERG, CHARLES JOHN, US
[71] THE PROCTER & GAMBLE COMPANY, US
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[25] EN
[54] **MULTILAYERED INJECTION MOLDED INTERLACE-LIKE ARTICLE AND METHOD FOR MOLDING SAME**
[54] **ARTICLE MULTICOUCHE ENTRELACE MOULE PAR INJECTION ET SON PROCEDE DE MOULAGE**
[72] VIZEN, NIMROD, IL
[72] ELIYAHU, NISIM, IL
[71] KETER PLASTIC LTD., IL
[85] 2017-10-03
[86] 2016-04-13 (PCT/IL2016/050390)
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[30] US (62/146,554) 2015-04-13

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[51] **Int.Cl. C10G 75/04 (2006.01) C08G 8/28 (2006.01) C08L 95/00 (2006.01) C09K 8/524 (2006.01)**
[25] FR
[54] **ASPHALTENE DISPERSANT ADDITIVE AND USES THEREOF**
[54] **ADDITIF DISPERSANT DES ASPHALTENES ET SES UTILISATIONS**
[72] TORT, FREDERIC, FR
[72] PASSADE-BOUPAT, NICOLAS, FR
[72] RONDON, MARIANNA, FR
[72] QUINTERO, CARLOS, FR
[71] TOTAL MARKETING SERVICES, FR
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[86] 2016-04-07 (PCT/EP2016/057553)
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[25] EN
[54] **CAPSULE FOR USE WITH A BEVERAGE PRODUCTION MACHINE**
[54] **CAPSULE DESTINEE A ETRE UTILISEE AVEC UNE MACHINE DE PREPARATION DE BOISSON**
[72] HARIF, GAD, IL
[71] SPRESSO NOVO CAP LTD., IL
[85] 2017-10-04
[86] 2016-04-25 (PCT/IL2016/050435)
[87] (WO2016/174671)
[30] US (62/153,032) 2015-04-27
[30] US (62/189,791) 2015-07-08
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[25] EN
[54] **CARTON WITH OPENING FEATURE**
[54] **CARTON POURVU D'UN DISPOSITIF D'OUVERTURE**
[72] SMALLEY, BRIAN, GB
[71] GRAPHIC PACKAGING INTERNATIONAL, INC., US
[85] 2017-10-03
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[51] **Int.Cl. C12N 15/86 (2006.01)**
[25] EN
[54] **RECOMBINANT ADENOVIRUS EXPRESSING TWO TRANSGENES WITH A BIDIRECTIONAL PROMOTER**
[54] **ADENOVIRUS RECOMBINE EXPRIMANT DEUX TRANSGENES AVEC UN PROMOTEUR BIDIRECTIONNEL**
[72] WUNDERLICH, KERSTIN, NL
[72] CUSTERS, JEROME H. H. V., NL
[72] VELLINGA, JORT, NL
[72] SANDERS, BARBARA PETRONELLA, NL
[71] JANSSEN VACCINES & PREVENTION B.V., NL
[85] 2017-10-04
[86] 2016-04-12 (PCT/EP2016/057982)
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[30] US (62/147,453) 2015-04-14
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[51] **Int.Cl. C12Q 1/68 (2006.01)**
[25] EN
[54] **PROGNOSTIC BIOMARKERS FOR TTK INHIBITOR CHEMOTHERAPY**
[54] **BIOMARQUEURS PRONOSTIQUES POUR CHIMIOTHERAPIE BASEE SUR UN INHIBITEUR DE TTK**
[72] DE ROOS, JEROEN, NL
[72] UITDEHAAG, JOOST CORNELIS MARINUS, NL
[72] DE MAN, ADRIANUS PETRUS ANTONIUS, NL
[72] BUIJSMAN, ROGIER CHRISTIAAN, NL
[72] ZAMAN, GUIDO JENNY RUDOLF, NL
[71] NETHERLANDS TRANSLATIONAL RESEARCH CENTER B.V., NL
[85] 2017-10-04
[86] 2016-04-14 (PCT/EP2016/058292)
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[72] BONFANTI, JEAN-FRANCOIS, FR
[72] JONCKERS, TIM HUGO MARIA, BE
[72] RABOISSON, PIERRE JEAN-MARIE BERNARD, BE
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[54] **CONTENANTS SOUPLES COMPRENANT DES JOINTS DE RENFORCEMENT**
[72] YOU, JUN, US
[72] STANLEY, SCOTT KENDYL, US
[72] MCGUIRE, KENNETH STEPHEN, US
[72] LESTER, JOSEPH CRAIG, US
[71] THE PROCTER & GAMBLE COMPANY, US
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[54] **SYSTEME DE TRANSPORT DE MATERIAU DANS UNE MOISSONNEUSE-BATTEUSE**
[72] BILDE, MORTEN, DK
[72] DURING, KENNETH, DK
[72] MARDEN, DAVID, GB
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[54] **MONTAGE DE CIRCUIT ET PROCEDE DE FONCTIONNEMENT DE MONTAGE DE CIRCUIT POUR TRANSFERT D'ENERGIE PAR INDUCTION**
[72] CZAINSKI, ROBERT, PL
[71] BOMBARDIER PRIMOVE GMBH, DE
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[71] S2F FLEXICO, FR
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[54] **UTILISATION DE LA (4-HYDROXY-2-METHYL-1,1-DIOXIDO-2H-BENZO[E][1,2]THIAZIN-3-YL)(NAPHTHALEN-2-YL) METHANONE DANS LA PREVENTION ET/OU LE TRAITEMENT DE LA STEATOHEPATITE NON-ALCOOLIQUE**
[72] LAMOTHE, MARIE, FR
[72] JUNQUERO, DIDIER, FR
[72] LE GRAND, BRUNO, FR
[71] PIERRE FABRE MEDICAMENT, FR
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[54] **BOUCHON POUR UN COL DE RECIPIENT**
[72] LUZZATO, MICHEL, FR
[71] NOVEMBAL USA INC., US
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[54] **DERIVES D'INDACEN-4-ONE, PROCEDE POUR LES PREPARER ET POLYMERES LES CONTENANT**
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[72] BIANCHI, GABRIELE, IT
[71] ENI S.P.A., IT
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[54] **PROCEDE DE PRODUCTION DE MICROPARTICULES DU TYPE A MATRICE DE PROTEINES AGREGEES, RETICULEES PAR SECHAGE PAR PULVERISATION**
[72] BLEIEL, SINEAD, IE
[72] PEREZ GOMEZ DE CADINANOS, MARIA LUZ, IE
[72] KENT, ROBERT, IE
[71] ANABIO TECHNOLOGIES LIMITED, IE
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[54] **DETECTION AMELIOREE D'ADN METHYLE**
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[72] KENENS, HANNAH, BE
[71] BIOCARTIS N.V., BE
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[54] **SYSTEME DE DEPRESSURISATION A DISTANCE POUR COMPARTIMENT A HAUTE PRESSION DANS UN OUTIL SOUTERRAIN**
[72] HILLIS, PARRY B., US
[72] MEYER, KENT S., US
[71] BAKER HUGHES, A GE COMPANY, LLC, US
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[54] **SHAPE MEASUREMENT APPARATUS AND SHAPE MEASUREMENT METHOD**
[54] **APPAREIL DE MESURE DE FORME ET PROCEDE DE MESURE DE FORME**
[72] HIBI, ATSUHIRO, JP
[72] KONNO, YUSUKE, JP
[72] FURUYA, NOBUHIRO, JP
[72] KUROIWA, TOMOHIRO, JP
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[54] **IMPROVED BREASTMILK EXPRESSION SYSTEM WITH DETECTION, FEEDBACK AND CONNECTABILITY FEATURES**
[54] **SYSTEME D'EXTRACTION DE LAIT MATERNEL AMELIORE DOTE DE CARACTERISTIQUES DE DETECTION, DE RETROACTION ET DE CONNECTABILITE**
[72] SIMMONS, BRYAN D., US
[72] SKACH, JOHN R., US
[72] BAUER, RYAN, US
[72] GILBERT, DEANNA, US
[72] CHO, DAVID, US
[71] MEDELA HOLDING AG, CH
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[54] **THERAPIE DU CAR CIBLANT L'EGFR CONTRE LE GLIOBLASTOME**
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[72] CALIGIURI, MICHAEL, US
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[71] CALIGIURI, MICHAEL, US
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[54] **CODE ET CONTENANT DE SYSTEME DE PREPARATION D'UNE BOISSON OU D'UN PRODUIT ALIMENTAIRE**
[72] NOTH, ANDRE, CH
[71] NESTEC S.A., CH
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[54] **DISPOSITIF DE STOMIE**
[72] STROBECH, ESBEN, DK
[72] SUND, ANDERS GROVE, DK
[72] HANSEN, KRISTOFFER, DK
[72] HANSEN, MICHAEL, DK
[71] COLOPLAST A/S, DK
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[54] **FORMULATION AGROCHIMIQUE DE MICROCAPSULES CONTENANT DU SULFONATE ET UN CODISPERSANT**
[72] STEINBRENNER, ULRICH, DE
[72] VOLLAND, THORSTEN, DE
[72] GRUBER, ANGELIKA, DE
[72] SIMON, ANJA, DE
[72] SHBAITA, HAYTHAM, CN
[72] ZAWIERUCHA, JOSEPH, US
[72] ASHER, BRADY, US
[72] BOWE, STEVEN JOSEPH, US
[71] BASF SE, DE
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[54] **METHOD AND DEVICE FOR ENCODING MULTIPLE AUDIO SIGNALS, AND METHOD AND DEVICE FOR DECODING A MIXTURE OF MULTIPLE AUDIO SIGNALS WITH IMPROVED SEPARATION**
[54] **PROCEDE ET DISPOSITIF SERVANT A CODER DE MULTIPLES SIGNAUX AUDIO, ET PROCEDE ET DISPOSITIF SERVANT A DECODER UN MELANGE DE MULTIPLES SIGNAUX AUDIO AVEC SEPARATION AMELIOREE**
[72] BILEN, CAGDAS, FR
[72] OZEROV, ALEXEY, FR
[72] PEREZ, PATRICK, FR
[71] THOMSON LICENSING, FR
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[54] **UTILISATION DE DERIVES D'ISOTHIOCYANATE EN TANT QUE MODULATEURS DE LA DOULEUR PERIPHERIQUE ET NEUROPATHIQUE**
[72] MORAZZONI, PAOLO, IT
[72] IORI, RENATO, IT
[71] INDENA S.P.A., IT
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[54] **METHOD FOR PRODUCING A MULTICOAT PAINT SYSTEM ON PLASTICS SUBSTRATES**
[54] **PROCEDE PERMETTANT DE REALISER UNE PEINTURE MULTICOUCHE SUR DES SUBSTRATS EN PLASTIQUE**
[72] BAUER, JURGEN, DE
[72] ANDERSEN, AUDREE, DE
[72] REUTER, HARDY, DE
[72] RATZ, ROLAND, DE
[72] WINNEN, SINA, DE
[72] BUERMANN, MARITA, DE
[72] DIEPENBROCK, VERA, DE
[71] BASF COATINGS GMBH, DE
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[54] **MUTEINES DE LA LIPOCALINE 2 HUMAINE AVEC AFFINITE POUR GLYPICAN-3 (GPC3)**
[72] HINNER, MARLON, DE
[72] ALLERSDORFER, ANDREA, DE
[72] BEL AIBA, RACHIDA SIHAM, DE
[72] ALOE, MICHAELA, DE
[72] WIEDENMANN, ALEXANDER, DE
[72] MATSCHINER, GABRIELE, DE
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[54] **METHOD AND DEVICE FOR REAL-TIME MAPPING AND LOCALIZATION**
[54] **PROCEDE ET DISPOSITIF DE CARTOGRAPHIE ET DE LOCALISATION EN TEMPS REEL**
[72] SEQUEIRA, VITOR, PT
[72] WOLFART, ERIK, IT
[72] TADDEI, PIERLUIGI, IT
[72] CERIANI, SIMONE, IT
[72] SANCHEZ-BELENGUER, CARLOS, ES
[72] PUIG ALCORIZA, DAVID, IT
[71] THE EUROPEAN ATOMIC ENERGY COMMUNITY (EURATOM), REPRESENTED BY THE EUROPEAN COMMISSION, BE
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[25] FR
[54] **PROCEDE DE RECUPERATION D'ENERGIE A PARTIR DE LA GLACE CARBONIQUE A PRESSION INFRA ATMOSPHERIQUE**
[54] **METHOD OF RECOVERING ENERGY FROM DRY ICE AT INFRA-ATMOSPHERIC PRESSURE**
[72] CLODIC, DENIS, FR
[72] TOUBASSY, JOSEPH, FR
[71] CRYO PUR, FR
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[54] **A SYSTEM FOR COLLECTION OF PRODUCTS**
[54] **SYSTEME DE COLLECTE DE PRODUITS**
[72] POMPEN, PETER, GB
[72] NIEMANSVERDRIET, HENK, GB
[71] ASDA STORES LIMITED, GB
[85] 2017-10-06
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[54] **MODULAR LAVATORY SYSTEM OPTIMIZED FOR NARROW BODY COMMERCIAL AIRCRAFT**
[54] **SYSTEME DE BLOC TOILETTES MODULAIRE OPTIMISE POUR AVION COMMERCIAL A FUSELAGE ETROIT**
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[72] SKELLY, TREVOR, US
[71] B/E AEROSPACE, INC., US
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[54] **ENSEMBLE DISPOSITIF DE SERRAGE DE REPARATION**
[72] PIONTEK, DARYL M., US
[72] MINICH, RAYMOND C., US
[71] TOTAL PIPING SOLUTIONS, INC., US
[85] 2017-10-06
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[54] **GENERATION DE GEOMETRIES OPTIMISEES**
[72] HILLER, JONATHAN, US
[72] BLANKENSHIP, JESSE C., US
[71] FRUSTUM INC., US
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[86] 2016-03-28 (PCT/US2016/024536)
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[30] US (62/145,350) 2015-04-09
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[54] **BAND SAW BLADE SENSOR AND CONTROL SYSTEM**
[54] **CAPTEUR ET SYSTEME DE COMMANDE DE LAME DE SCIE A RUBAN**
[72] HARRIS, MAXWELL T., US
[71] HE&M INC., US
[85] 2017-10-06
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[54] **ANALYSE DE PLUSIEURS ACIDES NUCLEIQUES SPATIALEMENT DIFFERENCIES DE SPECIMENS BIOLOGIQUES**
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[72] STAHL, PATRIK, SE
[72] LUNDEBERG, JOAKIM, SE
[72] CANN, GORDON M., US
[72] BAZARGAN, LEILA, US
[72] ARAVANIS, ALEX, US
[71] SPATIAL TRANSCRIPTOMICS AB, SE
[71] ILLUMINA INC., US
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[54] **SOIL-WORKING SYSTEM**
[54] **SYSTEME DE TRAVAIL DU SOL**
[72] SMEETS, FLORIAN, DE
[72] KRAMER, ULRICH, DE
[72] SEIFRIED, FABIAN, DE
[72] AUDAS, GUILLAUME, FR
[71] KUHN-HUARD S.A., FR
[71] BETEK GMBH & CO. KG, DE
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[51] **Int.Cl. E05F 5/00 (2017.01) E05F 5/02 (2006.01)**
[25] EN
[54] **FURNITURE HINGE COMPRISING A DAMPER**
[54] **CHARNIERE DE MEUBLE DOTEE D'UN AMORTISSEUR**
[72] UMIT, KIRENCI, TR
[72] ERTAC, CAPUR, TR
[71] SAMET KALIP VE MADEN ESYA SAN. VE TIC A.S., TR
[85] 2017-10-06
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[87] (WO2016/177559)
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[51] **Int.Cl. E05F 5/00 (2017.01)**
[25] EN
[54] **FURNITURE HINGE COMPRISING A DAMPER AND A SPRING**
[54] **CHARNIERE DE MEUBLE COMPRENANT UN AMORTISSEUR ET UN RESSORT**
[72] UMIT, KIRENCI, TR
[72] ERTAC, CAPUR, TR
[71] SAMET KALIP VE MADEN ESYA SAN. VE TIC A.S., TR
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[51] **Int.Cl. A24F 47/00 (2006.01)**
[25] EN
[54] **SACHET OF AEROSOL-FORMING SUBSTRATE, METHOD OF MANUFACTURING SAME, AND AEROSOL-GENERATING DEVICE FOR USE WITH SACHET**
[54] **SACHET DE SUBSTRAT DE FORMATION D'AEROSOL, SON PROCEDE DE PRODUCTION ET DISPOSITIF DE PRODUCTION D'AEROSOL DESTINE A ETRE UTILISE AVEC LE SACHET**
[72] MIRONOV, OLEG, CH
[71] PHILIP MORRIS PRODUCTS S.A., CH
[85] 2017-10-06
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[51] **Int.Cl. A61M 37/00 (2006.01) A61N 7/00 (2006.01)**
[25] EN
[54] **SYSTEMS, APPARATUS, AND ASSEMBLING METHOD THEREOF FOR ADMINISTERING A SUBSTANCE**
[54] **SYSTEMES, APPAREIL ET PROCEDE D'ASSEMBLAGE POUR L'ADMINISTRATION D'UNE SUBSTANCE**
[72] SCHOELLHAMMER, CARL MAGNUS, US
[72] TRAVERSO, CARLO GIOVANNI, US
[72] SCHROEDER, AVRAHAM, IL
[72] POLAT, BARIS, US
[72] BLANKSCHTEIN, DANIEL, US
[72] LANGER, ROBERT S., US
[72] BRUGGE, WILLIAM, US
[71] SCHOELLHAMMER, CARL MAGNUS, US
[71] TRAVERSO, CARLO GIOVANNI, US
[71] SCHROEDER, AVRAHAM, IL
[71] POLAT, BARIS, US
[71] BLANKSCHTEIN, DANIEL, US
[71] LANGER, ROBERT S., US
[71] BRUGGE, WILLIAM, US
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[51] **Int.Cl. B29C 71/02 (2006.01) A61M 39/08 (2006.01) C08J 7/12 (2006.01)**
[25] EN
[54] **IRRADIATION AND POST-CURE PROCESSING OF ELASTOMERIC TUBING**
[54] **IRRADIATION ET TRAITEMENT POSTDURCISSEMENT D'UNE TUBULURE ELASTOMERE**
[72] BAVARO, VINCENT, US
[71] CAREFUSION 303, INC., US
[85] 2017-10-06
[86] 2016-04-11 (PCT/US2016/026969)
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[51] **Int.Cl. H01B 7/04 (2006.01)**
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[54] **DYNAMIC SUBMARINE POWER CABLE**
[54] **CABLE D'ALIMENTATION SOUS-MARIN DYNAMIQUE**
[72] PERSBERG, ANDREAS, SE
[72] TYRBERG, ANDREAS, SE
[71] NKT HV CABLES GMBH, CH
[85] 2017-10-10
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[51] **Int.Cl. A61B 17/322 (2006.01)**
[25] EN
[54] **SOFT-TACK, POROUS SUBSTRATES FOR HARVESTING SKIN GRAFTS**
[54] **SUBSTRATS POREUX ABSORBANTS POUR LE PRELEVEMENT DE GREFFONS DE PEAU**
[72] HIGLEY, KEVIN, US
[72] JONIETZ, BRADLEY, US
[72] SANDERS, T. BLANE, US
[71] KCI LICENSING, INC., US
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[51] **Int.Cl. A61M 1/36 (2006.01) A61M 1/16 (2006.01) A61M 25/00 (2006.01) A61M 25/04 (2006.01)**
[25] FR
[54] **CANNULA DEVICE, ARTIFICIAL LUNG**
[54] **DISPOSITIF DE CANULE, POUMON ARTIFICIEL**
[72] OLAF, MERCIER, FR
[71] CENTRE CHIRURGICAL MARIE LANNELONGUE, FR
[85] 2017-10-06
[86] 2016-04-08 (PCT/EP2016/057857)
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[51] **Int.Cl. C02F 1/00 (2006.01) B01D 35/157 (2006.01)**
[25] EN
[54] **DEVICE FOR FORMING A HEAD PART OF A LIQUID TREATMENT APPARATUS AND LIQUID TREATMENT APPARATUS**
[54] **DISPOSITIF POUR LA FORMATION D'UNE PARTIE FORMANT TETE D'UN APPAREIL DE TRAITEMENT DE LIQUIDE ET APPAREIL DE TRAITEMENT DE LIQUIDE**
[72] ZOLLER, JOCHEN, DE
[71] BRITA GMBH, DE
[85] 2017-10-10
[86] 2016-04-08 (PCT/EP2016/057742)
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[25] EN
[54] **SYSTEM AND METHOD OF CONTROLLING FIBERS IN A MOLD**
[54] **SYSTEME ET PROCEDE DE COMMANDE DE FIBRES DANS UN MOULE**
[72] KRISTO, DARKO, AT
[72] EISMAYER, HEINRICH, AT
[72] KITZBERGER, PETER, AT
[72] VUJANOVIC, ZORAN, AT
[72] GOLD, OLIVER, DE
[72] MOSSBECK, NIELS, US
[72] PETZEL, JAN, DE
[72] KONCZOL, GEORG, AT
[71] SCHUKRA GERATEBAU GMBH, AT
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[54] **CUTTING BIT AND EXTRACTION TOOL FOR SAME**
[54] **TAILLANT ET SON OUTIL D'EXTRACTION**
[72] FREDERICK, JOHN R., US
[72] BOSHOFF, RUDIE, US
[71] JOY MM DELAWARE, INC., US
[85] 2017-10-06
[86] 2016-04-11 (PCT/US2016/026976)
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[30] US (62/202,573) 2015-08-07

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[51] **Int.Cl. G02B 21/00 (2006.01) G01B 9/02 (2006.01) G01N 21/47 (2006.01) G02B 21/14 (2006.01) G02B 21/18 (2006.01)**
[25] FR
[54] **METHOD AND SYSTEM FOR FULL-FIELD INTERFERENCE MICROSCOPY IMAGING**
[54] **PROCEDE ET SYSTEME D'IMAGERIE PAR MICROSCOPIE INTERFERENTIELLE PLEIN CHAMP**
[72] BOCCARA, ALBERT CLAUDE, FR
[72] HARMS, FABRICE, FR
[71] LLTECH MANAGEMENT, FR
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[51] **Int.Cl. F16H 55/12 (2006.01) E05F 15/635 (2015.01)**
[25] EN
[54] **TRANSMISSION DEVICE FOR INSTALLATION ON A DRIVESHAFT**
[54] **SYSTEME D'ENGRENAGE DESTINE A ETRE INSTALLE SUR UN ARBRE D'ENTRAINEMENT**
[72] BAUSCH, MANFRED, DE
[72] BAUR, MARIUS, DE
[72] VOGEL, DANIELA, DE
[71] LOCK ANTRIEBSTECHNIK GMBH, DE
[85] 2017-10-10
[86] 2016-03-21 (PCT/EP2016/056087)
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[30] DE (20 2015 101 789.8) 2015-04-13
[30] DE (20 2015 105 507.2) 2015-10-19

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[51] **Int.Cl. C07D 471/04 (2006.01) A61K 31/517 (2006.01) A61P 25/00 (2006.01)**
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[54] **PYRIDOPYRIMIDINONES AND THEIR USE AS NMDA RECEPTOR MODULATORS**
[54] **PYRIDOPYRIMIDINONES ET LEUR UTILISATION COMME MODULATEURS DU RECEPTEUR NMDA**
[72] VOLGRAF, MATTHEW, US
[72] JIANG, YU, CN
[72] VILLEMURE, ELISIA, US
[72] SELLERS, BENJAMIN, US
[72] WU, GUOSHENG, CN
[72] LU, AIJUN, CN
[71] F.HOFFMANN-LA ROCHE AG, CH
[85] 2017-10-10
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[54] **BIT ASSEMBLY FOR CUTTER HEAD**
[54] **ENSEMBLE TREPAN POUR TETE DE COUPE**
[72] FREDERICK, JOHN R., US
[71] JOY MM DELAWARE, INC., US
[85] 2017-10-06
[86] 2016-04-11 (PCT/US2016/026946)
[87] (WO2016/164905)
[30] US (62/145,603) 2015-04-10
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[51] **Int.Cl. H04J 3/06 (2006.01) H04N 21/242 (2011.01)**
[25] EN
[54] **PRECISION TIMING FOR BROADCAST NETWORK**
[54] **SYNCHRONISATION DE PRECISION POUR RESEAU DE DIFFUSION**
[72] MEYER, CHARLES S., US
[71] GVBB HOLDINGS S.A.R.L., LU
[85] 2017-10-10
[86] 2016-04-09 (PCT/EP2016/057865)
[87] (WO2016/162549)
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[51] **Int.Cl. G01N 21/25 (2006.01) G01N 21/3563 (2014.01) G01N 21/359 (2014.01) B27N 3/02 (2006.01)**
[25] EN
[54] **METHOD FOR DETERMINING THE ABRASION RESISTANCE OF AT LEAST ONE WEAR LAYER ARRANGED ON A CARRIER PLATE**
[54] **PROCEDE POUR DETERMINER LA RESISTANCE A L'ABRASION D'AU MOINS UNE COUCHE D'USURE DISPOSEE SUR UNE PLAQUE DE SUPPORT**
[72] DENK, ANDRE, DE
[72] KALWA, NORBERT, DE
[71] FLOORING TECHNOLOGIES LTD., MT
[85] 2017-10-10
[86] 2016-03-21 (PCT/EP2016/056125)
[87] (WO2016/162196)
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[51] **Int.Cl. A61L 26/00 (2006.01)**
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[54] **COMPOSITION FOR COVERING AND PROTECTING SCARS**
[54] **COMPOSITION POUR RECOUVRIR ET PROTEGER DES CICATRICES**
[72] SCHMID, JUERG, CH
[72] SUPERSAXO, ANDREAS, CH
[71] SINIQ GMBH, CH
[85] 2017-10-10
[86] 2016-04-14 (PCT/EP2016/058237)
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[30] EP (15163827.7) 2015-04-16

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[13] A1
[51] **Int.Cl. C02F 9/00 (2006.01) B01D 35/30 (2006.01) C02F 1/28 (2006.01) C02F 1/42 (2006.01) C02F 1/44 (2006.01)**
[25] EN
[54] **LIQUID TREATMENT APPARATUS WITH REPLACEABLE TREATMENT CARTRIDGE AND CARTRIDGE CONNECTION SYSTEM**
[54] **APPAREIL DE TRAITEMENT DE LIQUIDE AVEC CARTOUCHE DE TRAITEMENT REMPLACABLE ET SYSTEME DE RACCORDEMENT DE CARTOUCHE**
[72] ZOLLER, JOCHEN, DE
[71] BRITA GMBH, DE
[85] 2017-10-10
[86] 2016-04-08 (PCT/EP2016/057741)
[87] (WO2016/162475)
[30] EP (15162963.1) 2015-04-09

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[13] A1
[51] **Int.Cl. C01B 39/48 (2006.01) B01J 29/70 (2006.01) B01J 29/72 (2006.01) C01B 39/02 (2006.01)**
[25] EN
[54] **METHOD FOR PREPARING THE SILICOALUMINATE FORM OF THE AEI ZEOLITE STRUCTURE WITH HIGH YIELDS, AND ITS APPLICATION IN CATALYSIS**
[54] **PROCEDE DE PREPARATION D'UNE FORME SILICOALUMINATE DE STRUCTURE ZEOLITE AEI A RENDEMENTS ELEVES, ET SON APPLICATION EN CATALYSE**
[72] CORMA CANOS, AVELINO, ES
[72] MOLINER MARIN, MANUEL, ES
[72] MARTIN GARCIA, NURIA, ES
[71] CONSEJO SUPERIOR DE INVESTIGACIONES CIENTIFICAS (CSIC), ES
[71] UNIVERSITAT POLITECNICA DE VALENCIA, ES
[85] 2017-10-10
[86] 2016-04-14 (PCT/EP2016/058275)
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[30] ES (P 201530514) 2015-04-16

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[51] **Int.Cl. A62B 35/00 (2006.01)**
[25] EN
[54] **ASSEMBLY FOR EXTRICATION AND RESCUE**
[54] **ENSEMBLE PERMETTANT LE DEGAGEMENT ET LE SAUVETAGE**
[72] STARHOLM, SVERRE, NO
[72] NILSEN, RUNE, NO
[72] BUER, TORE, NO
[71] STARHOLM, SVERRE, NO
[71] NILSEN, RUNE, NO
[71] BUER, TORE, NO
[85] 2017-10-10
[86] 2016-04-11 (PCT/IB2016/000614)
[87] (WO2016/166606)
[30] US (62/146,261) 2015-04-11
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[51] **Int.Cl. A01G 31/06 (2006.01) A01G 9/02 (2006.01) A01G 9/12 (2006.01)**
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[54] **CULTURE HYDROPONIQUE**
[72] VAN BUUREN, EUGENE, ZA
[72] VAN BUUREN, JACQUES, ZA
[72] EHLERS, JAN GERHARDUS, ZA
[71] EDEN GREEN HYDROPONICS INTERNATIONAL (PTY) LTD, ZA
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[30] ZA (2015/02400) 2015-04-10

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[51] **Int.Cl. A61B 5/11 (2006.01) A61B 5/22 (2006.01)**
[25] EN
[54] **WRIST RIGIDITY ASSESSMENT DEVICE FOR USE IN DEEP BRAIN STIMULATION SURGERY**
[54] **DISPOSITIF D'EVALUATION DE LA RIGIDITE DU POIGNET DESTINE A ETRE UTILISE LORS D'INTERVENTIONS CHIRURGICALES DE STIMULATION CEREBRALE PROFONDE**
[72] TRIGUEIROS DA SILVA CUNHA, JOAO PAULO, PT
[72] COSTA, PEDRO, PT
[71] INESC TEC - INSTITUTO DE ENGENHARIA DE SISTEMAS E COMPUTADORES, TECNOLOGIA E CIENCIA, PT
[85] 2017-10-10
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[30] PT (108366) 2015-04-14

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[51] **Int.Cl. A61B 8/12 (2006.01) A61B 17/34 (2006.01)**
[25] EN
[54] **DEVICE FOR INTRA-CARDIAC AND INTRA-VASCULAR SURGICAL PROCEDURE HAVING AN ENDOLUMINAL ULTRASOUND PROBE**
[54] **DISPOSITIF POUR PROCEDURE CHIRURGICALE INTRA-CARDIAQUE ET INTRA-VASCULAIRE AYANT UNE SONDE A ULTRASONS ENDOLUMINALE**
[72] TEIXEIRA DOS SANTOS PAULO, NELSON JORGE, PT
[71] TEIXEIRA DOS SANTOS PAULO, NELSON JORGE, PT
[85] 2017-10-10
[86] 2016-04-13 (PCT/IB2016/052106)
[87] (WO2016/166681)
[30] PT (108357) 2015-04-13
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[51] **Int.Cl. B01D 63/04 (2006.01) B01D 65/02 (2006.01) B01D 71/36 (2006.01) C02F 1/44 (2006.01)**
[25] EN
[54] **FILTRATION DEVICE**
[54] **DISPOSITIF DE FILTRATION**
[72] TANAKA, HIROMU, JP
[72] YONEDA, TOMOYUKI, JP
[72] MIKI, HIROKO, JP
[72] MORITA, TORU, JP
[71] SUMITOMO ELECTRIC INDUSTRIES, LTD., JP
[85] 2017-10-10
[86] 2016-04-25 (PCT/JP2016/062874)
[87] (WO2016/181803)
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[51] **Int.Cl. G06F 21/55 (2013.01) G06F 21/53 (2013.01) G06F 9/455 (2006.01)**
[25] EN
[54] **PARAVIRTUALIZED SECURITY THREAT PROTECTION OF A COMPUTER-DRIVEN SYSTEM WITH NETWORKED DEVICES**
[54] **PROTECTION CONTRE DES MENACES DE SECURITE PARAVIRTUALISEES D'UN SYSTEME COMMANDE PAR ORDINATEUR AVEC DES DISPOSITIFS EN RESEAU**
[72] SRIVASTAVA, GITA, US
[72] SRIVASTAVA, PIYUSH B., US
[71] GIGAVATION, INC., US
[85] 2017-10-06
[86] 2016-04-14 (PCT/US2016/027575)
[87] (WO2016/168487)
[30] US (62/147,429) 2015-04-14

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[13] A1
[51] **Int.Cl. F02C 6/14 (2006.01) F02C 6/16 (2006.01)**
[25] EN
[54] **ENERGY STORAGE VIA THERMAL RESERVOIRS AND AIR TURBINES**
[54] **STOCKAGE D'ELECTRICITE PAR L'INTERMEDIAIRE D'ACCUMULATEURS THERMIQUES ET D'UNE TURBINE A AIR**
[72] STEVANOVIC, DRAGAN, DE
[72] BROTZMANN, KARL, DE
[71] KARL BROTZMANN CONSULTING GMBH, DE
[85] 2017-10-10
[86] 2015-04-13 (PCT/EP2015/000770)
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[25] EN
[54] **RECTANGULAR FRAME WITH HEIGHT ADJUSTMENT FOR A FIRST AND/OR SECOND DEVICE FOR COUPLING TO THE FRAME**
[54] **CADRE RECTANGULAIRE A HAUTEUR REGLABLE POUR UN PREMIER ET/OU UN SECOND DISPOSITIF A COUPLER AU CADRE**
[72] TEN CATE, ERIC, NL
[71] MARKANT INTERNATIONAL B.V., NL
[85] 2017-10-10
[86] 2016-04-14 (PCT/NL2016/050260)
[87] (WO2016/167656)
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[13] A1
[51] **Int.Cl. E21B 29/00 (2006.01)**
[25] EN
[54] **TUBULAR CUTTING TOOL**
[54] **OUTIL DE COUPE D'ELEMENT TUBULAIRE**
[72] MILLER, JAMES R., US
[72] BLANKENSHIP, DAN HUGH, US
[72] STONE, JEREMY LEE, US
[72] TEALE, DAVID, US
[71] WEATHERFORD TECHNOLOGY HOLDINGS, LLC, US
[85] 2017-10-06
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[30] US (62/152,525) 2015-04-24

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[51] **Int.Cl. E06B 3/964 (2006.01)**
[25] EN
[54] **DOOR ELEMENT OR WALL ELEMENT**
[54] **ELEMENT DE PORTE OU ELEMENT MURAL**
[72] SAINT PIERRE, ANTOINE, FR
[72] DE MAEYER, ERIK, BE
[72] DEGRANDE, PETER, BE
[72] HANSSENS, WIM, BE
[71] NOVATECH EUROPE, FR
[71] DECEUNINCK NV, BE
[85] 2017-10-10
[86] 2016-04-14 (PCT/EP2016/058288)
[87] (WO2016/166254)
[30] EP (15163593.5) 2015-04-14

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[13] A1
[51] **Int.Cl. A61K 39/00 (2006.01)**
[25] EN
[54] **METHOD FOR TREATING CANCER**
[54] **METHODE DE TRAITEMENT DU CANCER**
[72] MCGRANAHAN, NICHOLAS, GB
[72] ROSENTHAL, RACHEL, GB
[72] SWANTON, CHARLES, GB
[72] PEGGS, KARL, GB
[72] QUEZADA, SERGIO, GB
[71] CANCER RESEARCH TECHNOLOGY LIMITED, GB
[85] 2017-10-10
[86] 2016-04-27 (PCT/EP2016/059401)
[87] (WO2016/174085)
[30] GB (1507100.4) 2015-04-27
[30] GB (1603663.4) 2016-03-02
[30] GB (1603731.9) 2016-03-03

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[54] **ROBINET ET EVIER D'HOPITAL**
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[71] FRANKE TECHNOLOGY AND TRADEMARK LTD, CH
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[51] **Int.Cl. E21B 21/06 (2006.01) E21B 49/00 (2006.01)**
[25] EN
[54] **METHODS, APPARATUS, AND SYSTEMS FOR INJECTING AND DETECTING COMPOSITIONS IN DRILLING FLUID SYSTEMS**
[54] **PROCEDES, APPAREIL, ET SYSTEMES D'INJECTION ET DE DETECTION DE COMPOSITIONS DANS DES SYSTEMES DE FLUIDE DE FORAGE**
[72] SCHEXNAIDER, NEIL PATRICK, US
[72] FAUL, JAMES DAVE, II, US
[72] WRIGHT, JAMES HAROLD, US
[71] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2017-10-10
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[54] **CEMENT PLUG TRACKING WITH FIBER OPTICS**
[54] **SUIVI DE BOUCHON DE CIMENT AU MOYEN DE FIBRES OPTIQUES**
[72] STOKELY, CHRISTOPHER LEE, US
[72] TIPS, TIMOTHY R., US
[72] RODNEY, PAUL F., US
[72] MAIDA, JOHN LAURETO, US
[72] RAVI, KRISHNA M., US
[72] BRICKHOUSE, JAMAAL, US
[72] DOWNEY, LUKE CHRISTOPHER, US
[71] HALLIBURTON ENERGY SERVICES, INC., US
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[51] **Int.Cl. E21B 17/00 (2006.01) F16C 17/04 (2006.01) F16C 23/04 (2006.01)**
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[54] **THRUST BEARING ALIGNMENT**
[54] **ALIGNEMENT DE PALIER DE BUTEE**
[72] GHARIB, HOSSAM MOHAMED, CA
[72] BELL, STEVEN GRAHAM, CA
[72] PARK, STEVEN, CA
[71] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2017-10-10
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[25] EN
[54] **BRAZE JOINTS WITH A DISPERSED PARTICULATE MICROSTRUCTURE**
[54] **JOINTS DE BRASAGE COMPORTANT UNE MICROSTRUCTURE PARTICULAIRE DISPERSEE**
[72] SAINI, GAGAN, US
[72] ATKINS, WILLIAM BRIAN, US
[71] HALLIBURTON ENERGY SERVICES, INC., US
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[51] **Int.Cl. G06Q 20/32 (2012.01) G06Q 20/40 (2012.01) G06Q 30/02 (2012.01)**
[25] EN
[54] **METHODS AND SYSTEMS FOR USING A MOBILE DEVICE TO EFFECT A SECURE ELECTRONIC TRANSACTION**
[54] **PROCEDES ET SYSTEMES POUR L'UTILISATION D'UN DISPOSITIF MOBILE POUR EFFECTUER UNE TRANSACTION ELECTRONIQUE SECURISEE**
[72] KHAN, MOHAMMAD, US
[72] NARASIMHAN, ASHOK, US
[72] MELTON, WILLIAM N., US
[71] OMNYWAY, INC., US
[85] 2017-10-10
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[54] **HAND TOOL WITH RETRACTABLE TETHER**
[54] **OUTIL A MAIN AVEC ATTACHE RETRACTABLE**
[72] MOREAU, DARRELL A., US
[72] MOREAU, ANDRE W., US
[72] MOREAU, REGINALD, US
[72] BURKE, CRAIG, AU
[71] TY-FLOT, INC., US
[85] 2017-10-10
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[25] EN
[54] **DRY STERILIZABLE BAG AND CLAMP FOR STORING LIQUID AND FROZEN MEDIA AND DISPENSING**
[54] **SAC STERILISABLE A SEC ET PINCE POUR LE STOCKAGE ET LA DISTRIBUTION DE MILIEUX LIQUIDES ET CONGELES**
[72] WARE, DONALD D., US
[72] KOLAND, AMY, US
[72] BROSCH, BRENNA, US
[72] LEYS, JOHN A., III, US
[72] JOHNSON, MICHAEL W., US
[72] SCHLEICHER, MICHAEL J., US
[71] ENTEGRIS, INC., US
[85] 2017-10-10
[86] 2016-04-08 (PCT/US2016/026658)
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[54] **POSTAGE STAMPS**
[54] **TIMBRES POSTAUX**
[72] FRYER, ANDREW, GB
[72] WOOD, RICHARD LEWIS, GB
[71] SICPA HOLDING SA, CH
[85] 2017-10-05
[86] 2016-06-14 (PCT/EP2016/063627)
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[25] EN
[54] **SYSTEMS AND METHODS FOR CONTROLLING DOWNHOLE LINEAR MOTORS**
[54] **SYSTEMES ET PROCEDES PERMETTANT DE COMMANDER DES MOTEURS LINEAIRES DE FOND DE TROU**
[72] WILLIAMS, GARY, US
[72] MACKAY, EVAN G., US
[71] BAKER HUGHES, A GE COMPANY, LLC, US
[85] 2017-09-18
[86] 2016-03-17 (PCT/US2016/022777)
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[51] **Int.Cl. B60R 11/04 (2006.01) B60R 99/00 (2009.01) B60R 1/00 (2006.01)**
[25] EN
[54] **APPARATUS AND METHOD FOR DISABLING A DRIVER FACING CAMERA IN A DRIVER MONITORING SYSTEM**
[54] **APPAREIL ET PROCEDE PERMETTANT DE DESACTIVER UNE CAMERA ORIENTEE VERS LE CONDUCTEUR DANS UN SYSTEME DE SURVEILLANCE DE CONDUCTEUR**
[72] INTAGLIATA, JON D., US
[71] BENDIX COMMERCIAL VEHICLE SYSTEMS LLC, US
[85] 2017-10-10
[86] 2016-04-06 (PCT/US2016/026123)
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[30] US (14/682,154) 2015-04-09

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[51] **Int.Cl. G06T 7/194 (2017.01) G06T 7/174 (2017.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR IDENTIFYING AN OBJECT IN AN IMAGE**
[54] **SYSTEME ET PROCEDE D'IDENTIFICATION D'UN OBJET DANS UNE IMAGE**
[72] BOON, CATHY L., US
[72] LI, ZHENG, US
[71] BENDIX COMMERCIAL VEHICLE SYSTEMS LLC, US
[85] 2017-10-10
[86] 2016-04-06 (PCT/US2016/026175)
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[30] US (14/683,113) 2015-04-09

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[51] **Int.Cl. F23C 9/00 (2006.01) C01B 3/32 (2006.01) F23C 6/04 (2006.01) F23L 15/02 (2006.01) F27D 17/00 (2006.01)**
[25] EN
[54] **LOW-NOX COMBUSTION METHOD**
[54] **PROCEDE DE COMBUSTION A FAIBLES EMISSIONS DE NOX**
[72] WU, KUANG-TSAI, US
[72] KOBAYASHI, HISASHI, US
[71] PRAXAIR TECHNOLOGY, INC., US
[85] 2017-10-10
[86] 2016-04-11 (PCT/US2016/026864)
[87] (WO2016/168099)
[30] US (62/147,786) 2015-04-15
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[25] EN
[54] **PROGRAMMATICALLY PROVIDING INFORMATION IN CONNECTION WITH LOCATION-BASED SERVICES TO SERVICE PROVIDERS**
[54] **FOURNITURE D'INFORMATIONS DE MANIERE PROGRAMMATIQUE, EN LIAISON AVEC DES SERVICES BASES SUR L'EMPLACEMENT, A DES FOURNISSEURS DE SERVICES**
[72] CHOKSI, MAYA PARITOSH, US
[72] TAO, CHRISTINE, US
[72] SZYBALSKI, ANDREW TIMOTHY, US
[72] WEST, JOHN DAVID, US
[71] UBER TECHNOLOGIES, INC., US
[85] 2017-10-10
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[51] **Int.Cl. C08G 73/18 (2006.01) H01M 4/86 (2006.01)**
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[54] **HYDROXIDE-STABLE IONENES**
[54] **IONENES STABLES AUX HYDROXYDES**
[72] HOLDCROFT, STEVEN, CA
[72] WRIGHT, ANDREW, CA
[71] SIMON FRASER UNIVERSITY, CA
[85] 2017-10-11
[86] 2015-04-15 (PCT/CA2015/000248)
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[51] **Int.Cl. F24F 11/053 (2006.01) F24F 11/00 (2006.01) G05D 23/19 (2006.01)**
[25] EN
[54] **PREDICTIVE BUILDING CONTROL SYSTEM AND METHOD FOR OPTIMIZING ENERGY USE AND THERMAL COMFORT FOR A BUILDING OR NETWORK OF BUILDINGS**
[54] **SYSTEME PREDICTIF DE CONTROLE DE BATIMENT ET PROCEDE D'OPTIMISATION DE L'UTILISATION D'ENERGIE ET DU CONFORT THERMIQUE POUR UN BATIMENT OU UN RESEAU DE BATIMENTS**
[72] PAVLOVSKI, ALEXANDRE, CA
[72] QIN, ZHENG, CA
[72] ANICHKOV, DMITRIY, US
[72] FLETCHER, JAMES, CA
[71] GREEN POWER LABS INC., CA
[85] 2017-10-11
[86] 2016-04-11 (PCT/CA2016/000107)
[87] (WO2016/168910)
[30] US (14/690,671) 2015-04-20

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[51] **Int.Cl. A23G 3/34 (2006.01) A23G 3/54 (2006.01) A23G 4/06 (2006.01) A23G 4/20 (2006.01)**
[25] EN
[54] **TRANSPARENT HARD COATINGS STABLE UNDER ENVIRONMENTAL CONDITIONS**
[54] **REVETEMENTS DURS TRANSPARENTS, STABLES DANS DES CONDITIONS ENVIRONNEMENTALES**
[72] BALDI, GIANNI, IT
[72] GULEN, ISIL, TR
[71] PERFETTI VAN MELLE S.P.A., IT
[85] 2017-10-11
[86] 2016-04-12 (PCT/EP2016/057997)
[87] (WO2016/166092)
[30] IT (102015000011777) 2015-04-14

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[51] **Int.Cl. G06Q 30/00 (2012.01) G06Q 30/04 (2012.01)**
[25] EN
[54] **METHODS AND SYSTEMS RELATING TO PURCHASING DECISION MAKING**
[54] **PROCEDES ET SYSTEMES CONCERNANT UNE PRISE DE DECISION D'ACHAT**
[72] LALONDE, BENOIT, CA
[71] LALONDE, BENOIT, CA
[85] 2017-10-11
[86] 2016-04-12 (PCT/CA2016/000110)
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[51] **Int.Cl. C12N 1/21 (2006.01) C12N 9/00 (2006.01) C12N 9/02 (2006.01) C12N 9/10 (2006.01) C12N 9/88 (2006.01) C12N 15/00 (2006.01) C12N 15/52 (2006.01) C12N 15/53 (2006.01) C12N 15/54 (2006.01) C12N 15/60 (2006.01) C12N 15/63 (2006.01) C12P 7/46 (2006.01)**
[25] EN
[54] **GENETICALLY ENGINEERED C1-UTILIZING MICROORGANISMS AND PROCESSES FOR THEIR PRODUCTION AND USE**
[54] **MICRO-ORGANISMES GENETIQUEMENT MODIFIES UTILISANT C1, LEURS PROCEDES DE PRODUCTION ET UTILISATION**
[72] LAMARCHE, MARTIN G., CA
[72] PERREAULT, JONATHAN, CA
[72] MIGUEZ, CARLOS, CA
[72] ARBOUR, MELANIE, CA
[72] CHOI, YOUNG JUN, CA
[71] NATIONAL RESEARCH COUNCIL OF CANADA, CA
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[51] **Int.Cl. B21J 15/32 (2006.01) B23K 11/00 (2006.01)**
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[54] **RIVET FEEDING APPARATUS**
[54] **APPAREIL D'ALIMENTATION EN RIVETS**
[72] WILCOX, ROBERT, US
[71] ARCONIC INC., US
[85] 2017-10-10
[86] 2016-09-15 (PCT/US2016/051870)
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[51] **Int.Cl. A61B 5/00 (2006.01) A61B 5/103 (2006.01) G06F 19/00 (2011.01) A61B 17/72 (2006.01)**
[25] EN
[54] **KIT FOR ASSEMBLING A MEDICAL DEVICE PROVIDED WITH DATA ACQUISITION MEANS**
[54] **KIT PERMETTANT D'ASSEMBLER UN DISPOSITIF MEDICAL COMPORTANT DES MOYENS D'ACQUISITION DE DONNEES**
[72] WINDOLF, MARKUS, AU
[71] AO TECHNOLOGY AG, CH
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[86] 2015-04-27 (PCT/CH2015/000062)
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[51] **Int.Cl. C12Q 1/68 (2006.01)**
[25] EN
[54] **METHODS AND COMPOSITIONS FOR PREDICTION OF THERAPEUTIC EFFICACY OF CANCER TREATMENTS AND CANCER PROGNOSIS**
[54] **PROCEDES ET COMPOSITIONS PERMETTANT DE PREDIRE L'EFFICACITE THERAPEUTIQUE DES TRAITEMENTS CONTRE LE CANCER ET DE PRONOSTIQUER UN CANCER**
[72] SAHIN, UGUR, DE
[72] TURECI, OZLEM, DE
[72] MAURUS, DANIEL, DE
[71] GANYMED PHARMACEUTICALS GMBH, DE
[71] TRON - TRANSLATIONALE ONKOLOGIE AN DER UNIVERSITATSMEDIZIN DER JOHANNES GUTENBERG-UNIVERSITAT MAINZ GGMBH, DE
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[87] (WO2016/166124)
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[51] **Int.Cl. A61K 6/083 (2006.01)**
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[54] **AQUEOUS DENTAL GLASS IONOMER COMPOSITION**
[54] **COMPOSITION AQUEUSE DE VERRE IONOMERE DENTAIRE**
[72] RENN, CAROLINE, DE
[72] ELSNER, OLIVER, DE
[72] GANSEL, JULIA, DE
[72] SCHEUFLER, CHRISTIAN, DE
[72] WALZ, UWE, DE
[72] KLEE, JOACHIM, DE
[72] MAIER, MAXIMILIAN, DE
[71] DENTSPLY DETREY GMBH, DE
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[86] 2016-06-13 (PCT/EP2016/063515)
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[30] EP (15172078.6) 2015-06-15

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[51] **Int.Cl. B29C 70/44 (2006.01) B29C 33/40 (2006.01) B29C 33/56 (2006.01) B29C 43/36 (2006.01)**
[25] EN
[54] **AN EVACUABLE MOLD FOR FIBER COMPOSITE PLASTIC COMPONENTS**
[54] **MOULE POUR COMPOSANTS EN PLASTIQUE COMPOSITE RENFORCE PAR FIBRES DANS LEQUEL LE VIDE PEUT ETRE FAIT**
[72] GRIMM, FELIX, DE
[71] INFIANA GERMANY GMBH & CO. KG, DE
[85] 2017-10-11
[86] 2016-05-17 (PCT/EP2016/000810)
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[51] **Int.Cl. A61K 9/06 (2006.01) A61K 8/00 (2006.01) A61K 9/127 (2006.01) A61K 36/00 (2006.01)**
[25] EN
[54] **COMBINATION OF NATURAL SUBSTANCES COMPRISING AT LEAST ONE GLYCYRRHETINIC ACID AND AT LEAST ONE GUGGULSTERONE, AND USE THEREOF FOR COSMETIC APPLICATIONS**
[54] **COMBINAISON DE SUBSTANCES NATURELLES CONTENANT AU MOINS UN ACIDE GLYCYRRHETINIQUE ET AU MOINS UN GUGGULSTERONE, ET UTILISATION DE CETTE DERNIERE POUR DES APPLICATIONS COSMETIQUES**
[72] WEBER, LUTZ, DE
[72] RENNERT, ROBERT, DE
[71] ONTOCHEM GMBH, DE
[85] 2017-10-11
[86] 2016-04-12 (PCT/EP2016/057995)
[87] (WO2016/166091)
[30] EP (15001045.2) 2015-04-13
[30] EP (15003170.6) 2015-11-05

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[51] **Int.Cl. C05G 3/00 (2006.01) C08G 18/18 (2006.01) C08G 18/32 (2006.01) C08G 18/36 (2006.01) C08G 18/54 (2006.01) C08G 18/65 (2006.01) C08G 18/76 (2006.01) C09D 175/04 (2006.01)**
[25] EN
[54] **COATED GRANULAR SUBSTANCE**
[54] **SUBSTANCE GRANULEUSE ENROBEE**
[72] WALLENHORST, CAROLIN, DE
[72] WINTER, REINHARD, DE
[72] KLESING, JAN, DE
[71] ASK CHEMICALS GMBH, DE
[85] 2017-10-11
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[30] DE (10 2015 004 670.5) 2015-04-13

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[25] EN
[54] **A NOVEL IL33 FORM, MUTATED FORMS OF IL33, ANTIBODIES, ASSAYS AND METHODS OF USING THE SAME**
[54] **NOUVELLE FORME D'IL33, FORMES MUTANTES D'IL33, ANTICORPS, DOSAGES BIOLOGIQUES ET PROCEDES D'UTILISATION DE CEUX-CI**
[72] COHEN, EMMA S., GB
[72] LOWE, DAVID C., GB
[72] BUTLER, ROBIN, GB
[72] SCOTT, IAN C., GB
[72] VOUSDEN, KATHERINE A., GB
[72] STRAIN, MARTIN D., GB
[72] CARMEN, SARA, GB
[72] ENGLAND, ELIZABETH H., GB
[72] KEMP, BENJAMIN P., GB
[72] REES, DAVID G., GB
[72] OVERED-SAYER, CATHERINE L., GB
[72] MUSTELIN, TOMAS M., US
[72] SLEEMAN, MATTHEW, GB
[72] HOUSLAY, KIRSTY, GB
[71] MEDIMMUNE LIMITED, GB
[85] 2017-09-15
[86] 2016-03-30 (PCT/EP2016/056973)
[87] (WO2016/156440)
[30] US (62/140,913) 2015-03-31

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[51] **Int.Cl. C07K 16/28 (2006.01) A61P 35/00 (2006.01) C07K 16/30 (2006.01)**
[25] EN
[54] **DRUG CONJUGATES COMPRISING ANTIBODIES AGAINST CLAUDIN 18.2**
[54] **CONJUGUES DE MEDICAMENTS COMPRENANT DES ANTICORPS CONTRE LA CLAUDINE 18.2**
[72] SAHIN, UGUR, DE
[72] TURECI, OZLEM, DE
[72] WALTER, KORDEN, DE
[72] KREUZBERG, MARIA, DE
[72] MITNACHT-KRAUS, RITA, DE
[72] LE GALL, FABRICE, DE
[72] JACOBS, STEFAN, DE
[71] GANYMED PHARMACEUTICALS GMBH, DE
[71] TRON - TRANSLATIONALE ONKOLOGIE AN DER UNIVERSITATSMEDIZIN DER JOHANNES GUTENBERG-UNIVERSITAT MAINZ GGMBH, DE
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[86] 2016-04-13 (PCT/EP2016/058056)
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[30] EP (PCT/EP2015/058206) 2015-04-15

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[51] **Int.Cl. B63H 20/14 (2006.01) B63H 20/32 (2006.01) B63H 23/02 (2006.01)**
[25] FR
[54] **PROPULSION SYSTEM FOR A BOAT**
[54] **PROPULSEUR POUR UN BATEAU**
[72] BAUMBERGER, CHARLES, CH
[71] BAUMBERGER, CHARLES, CH
[85] 2017-10-11
[86] 2016-04-15 (PCT/EP2016/058423)
[87] (WO2016/166331)
[30] CH (00526/15) 2015-04-15

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[13] A1
[51] **Int.Cl. A61F 13/00 (2006.01) A61F 13/02 (2006.01)**
[25] EN
[54] **A WOUND PAD AND A SELF-ADHESIVE MEMBER COMPRISING A WOUND PAD**
[54] **COMPRESSE POUR PLAIE ET ELEMENT AUTO-ADHESIF COMPRENANT UNE COMPRESSE POUR PLAIES**
[72] AHSANI, SAMI, SE
[72] JOSEFSSON, SANDRA, SE
[72] SVENSBY, ANNA, SE
[72] SANDBERG, CHRISTOFFER, SE
[71] MOLNLYCKE HEALTH CARE AB, SE
[85] 2017-10-11
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[51] **Int.Cl. C12Q 1/18 (2006.01) C12Q 1/70 (2006.01)**
[25] EN
[54] **ASSAY SYSTEM TO IDENTIFY HPV REPLICATION INHIBITORS IN HT-SCREEN**
[54] **SYSTEME D'ESSAI POUR IDENTIFIER DES INHIBITEURS DE REPLICATION DU VPH DANS UN CRIBLAGE A HAUT DEBIT**
[72] USTAV, MART, EE
[72] USTAV, ENE, EE
[72] MANNIK, ANDRES, EE
[72] TOOTS, MART, EE
[72] USTAV, MART, JR., EE
[72] TOVER, ANDRES, EE
[71] ICOSAGEN CELL FACTORY OU, EE
[85] 2017-10-06
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[87] (WO2016/162555)
[30] US (62/145,243) 2015-04-09

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[51] **Int.Cl. A63C 17/00 (2006.01) A63C 17/01 (2006.01) A63C 17/02 (2006.01) A63C 17/22 (2006.01)**
[25] EN
[54] **DRIVE MODULE FOR A SKATEBOARD AND SET AND SKATEBOARD WITH SUCH A DRIVE MODULE**
[54] **MODULE D'ENTRAINEMENT POUR UNE PLANCHE A ROULETTES, ET ENSEMBLE ET PLANCHE A ROULETTES AVEC UN TEL MODULE D'ENTRAINEMENT**
[72] GREEN, KILIAN, DE
[72] SCHREIBER, CHRISTOPH, DE
[71] MELLOW BOARDS GMBH, DE
[85] 2017-10-11
[86] 2016-04-20 (PCT/EP2016/058731)
[87] (WO2016/169969)
[30] DE (102015106255.0) 2015-04-23

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[51] **Int.Cl. C07K 7/52 (2006.01) A61K 38/00 (2006.01)**
[25] EN
[54] **NOVEL INHIBITORS OF THE ENZYME ACTIVATED FACTOR XII (FXIIA)**
[54] **NOUVEAUX INHIBITEURS DU FACTEUR XII A ACTIVATION ENZYMATIQUE (FXIIA)**
[72] HEINIS, CHRISTIAN, CH
[72] BAERISWYL, VANESSA, CH
[72] MIDDENDORP, SIMON, CH
[72] WILBS, JONAS ALFRED KARL, CH
[71] ECOLE POLYTECHNIQUE FEDERALE DE LAUSANNE (EPFL), CH
[85] 2017-10-11
[86] 2016-04-27 (PCT/EP2016/059435)
[87] (WO2016/174103)
[30] EP (15165508.1) 2015-04-28

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[51] **Int.Cl. C12Q 1/68 (2006.01)**
[25] EN
[54] **DETECTION OF NUCLEIC ACID MOLECULES**
[54] **GENERATION DE MOLECULES D'ACIDE NUCLEIQUE**
[72] SPIEKERMANN, MEIKE, DE
[72] WINTER, NINA, DE
[72] FLOR, INGA, DE
[72] BELGE, GAZANFER, DE
[71] MIRDETECT GMBH, DE
[85] 2017-10-11
[86] 2016-04-29 (PCT/EP2016/059604)
[87] (WO2016/174199)
[30] DE (10 2015 106 646.7) 2015-04-29
[30] EP (15195182.9) 2015-11-18

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[51] **Int.Cl. G01C 25/00 (2006.01) G01S 19/53 (2010.01)**
[25] EN
[54] **OPPORTUNISTIC CALIBRATION OF A SMARTPHONE ORIENTATION IN A VEHICLE**
[54] **ETALONNAGE OPPORTUNISTE D'UNE ORIENTATION DE TELEPHONE INTELLIGENT DANS UN VEHICULE**
[72] EL-GHAZAL, AKREM, CA
[72] TOONSTRA, JASON, CA
[72] MINERS, WILLIAM BEN, CA
[72] BASIR, OTMAN A., CA
[71] IMS SOLUTIONS INC., US
[85] 2017-10-10
[86] 2016-04-11 (PCT/US2016/026957)
[87] (WO2016/164908)
[30] US (62/145,144) 2015-04-09

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[51] **Int.Cl. A61K 39/395 (2006.01) A61P 35/00 (2006.01) C07K 7/06 (2006.01) C07K 14/47 (2006.01) C07K 14/725 (2006.01)**
[25] EN
[54] **CLAUDIN-18.2-SPECIFIC IMMUNORECEPTORS AND T CELL EPITOPES**
[54] **IMMUNORECEPTEURS ET EPITOPES DE LYMPHOCYTES T SPECIFIQUES DE LA CLAUDINE-18.2**
[72] SAHIN, UGUR, DE
[72] TUERECI, OEZLEM, DE
[72] SIMON, PETRA, DE
[72] OMOKOKO, TANA, DE
[72] BREITKREUZ, ANDREA, DE
[72] MROZ, KAROLINA ANNA, DE
[72] HEBICH, LISA, DE
[71] BIONTECH CELL & GENE THERAPIES GMBH, DE
[71] TRON - TRANSLATIONALE ONKOLOGIE AN DER UNIVERSITAETSMEDIZIN DER JOHANNES GUTENBERG-UNIVERSITAET MAINZ GEMEINNUETZIGE GMBH, DE
[85] 2017-10-11
[86] 2016-05-09 (PCT/EP2016/060337)
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[30] EP (PCT/EP2015/060357) 2015-05-11

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[13] A1
[51] **Int.Cl. G06F 3/048 (2013.01) G06Q 30/02 (2012.01) G06K 7/10 (2006.01)**
[25] EN
[54] **METHOD AND APPARATUS FOR PROVIDING A USER INTERFACE**
[54] **PROCEDE ET APPAREIL DE FOURNITURE D'UNE INTERFACE D'UTILISATEUR**
[72] ARTEMYEV, NIKOLAY, RU
[72] AETEMYEVA, YULIA, RU
[72] DEMCHUK, ALEXANDER, RU
[72] MAYTESYAN, TATEVIK, AM
[72] OLSINSKAYA, ROKSANA, RU
[71] JSC "INTERNATIONAL TOBACCO MARKETING SERVICES", RU
[85] 2017-10-11
[86] 2016-04-14 (PCT/GB2016/051041)
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[30] RU (2015114533) 2015-04-17
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[51] **Int.Cl. E04H 12/34 (2006.01) E04H 12/18 (2006.01) E21B 15/00 (2006.01)**
[25] EN
[54] **MAST LEG PULLEY**
[54] **POULIE DE PIED DE MAT**
[72] HOLST, KATHERINE J., US
[72] JONES, MICHAEL F., US
[72] SPRINGER, TYSON ANDREW, CA
[72] BUTLER, KRISTOPHER LANDON MURRAY, CA
[72] SCHROEDER, BRADLEY JAMES, CA
[72] MEDLAND, CHRISTOPHER, CA
[71] PATTERSON-UTI DRILLING COMPANY LLC, US
[85] 2017-10-11
[86] 2016-02-17 (PCT/US2016/018294)
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[51] **Int.Cl. A61K 31/00 (2006.01) A61K 31/495 (2006.01) G01N 33/00 (2006.01) G01N 33/48 (2006.01)**
[25] EN
[54] **TARGETING CGMP-RELATED PHOSPHODIESTERASES TO REDUCE CYST FORMATION IN CYSTIC KIDNEY DISEASE, AND RELATED MATERIALS AND METHODS**
[54] **CIBLAGE DE PHOSPHODIESTERASES ASSOCIEES AU CGMP AFIN DE REDUIRE LA FORMATION DE KYSTES DANS LES MALADIES KYSTIQUES RENALES, AINSI QUE PROCEDES ASSOCIES ET MATIERES ASSOCIEES**
[72] CUNHA DE ALMEIDA, RITA MARIA, BR
[72] BACALLAO, ROBERT, US
[72] CLENDENON, SHERRY G., US
[72] GLAZIER, JAMES A., US
[71] INDIANA UNIVERSITY RESEARCH AND TECHNOLOGY CORPORATION, US
[71] CUNHA DE ALMEIDA, RITA MARIA, BR
[85] 2017-10-11
[86] 2016-03-14 (PCT/US2016/022377)
[87] (WO2016/149218)
[30] US (62/132,724) 2015-03-13

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[51] **Int.Cl. E21B 47/005 (2012.01)**
[25] EN
[54] **DETERMINING THE CURRENT STATE OF CEMENT IN A WELLBORE**
[54] **DETERMINATION DE L'ETAT ACTUEL DE CIMENT DANS UN PUITS DE FORAGE**
[72] ROWE, MATHEW DENNIS, US
[72] GOSNEY, JON TROY, US
[71] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2017-10-11
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[51] **Int.Cl. E21B 15/00 (2006.01) E21B 19/02 (2006.01) E21B 33/06 (2006.01)**
[25] EN
[54] **BLOWOUT PREVENTER TROLLEY**
[54] **CHARIOT DE BLOC OBTURATEUR DE PUITS**
[72] HOLST, KATHERINE J., US
[72] JONES, MICHAEL F., US
[72] SPRINGER, TYSON ANDREW, CA
[72] BUTLER, KRISTOPHER LANDON MURRAY, CA
[72] SCHROEDER, BRADLEY JAMES, CA
[72] MEDLAND, CHRISTOPHER, CA
[71] PATTERSON-UTI DRILLING COMPANY LLC, US
[85] 2017-10-11
[86] 2016-02-17 (PCT/US2016/018286)
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[51] **Int.Cl. E21B 15/00 (2006.01) E21B 7/02 (2006.01) E21B 19/02 (2006.01)**
[25] EN
[54] **MAST TRANSPORT SKID**
[54] **PATIN POUR LE TRANSPORT D'UN MAT**
[72] HOLST, KATHERINE J., US
[72] JONES, MICHAEL F., US
[72] SPRINGER, TYSON ANDREW, CA
[72] BUTLER, KRISTOPHER LANDON MURRAY, CA
[72] SCHROEDER, BRADLEY JAMES, CA
[72] MEDLAND, CHRISTOPHER, CA
[71] PATTERSON-UTI DRILLING COMPANY LLC, US
[85] 2017-10-11
[86] 2016-02-17 (PCT/US2016/018290)
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[25] EN
[54] **COMPOSITIONS AND METHODS FOR TREATING INTESTINAL HYPERPERMEABILITY**
[54] **COMPOSITIONS ET METHODES PERMETTANT DE TRAITER L'HYPERPERMEABILITE INTESTINALE**
[72] HOFFMAN, STEVEN, US
[71] HOFFMAN, STEVEN, US
[85] 2017-10-11
[86] 2016-03-28 (PCT/US2016/024432)
[87] (WO2016/167944)
[30] US (14/686,545) 2015-04-14
[30] US (15/059,602) 2016-03-03

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[51] **Int.Cl. A61B 17/24 (2006.01) A61B 34/20 (2016.01) A61B 5/055 (2006.01) A61B 8/08 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD TO MAP STRUCTURES OF NASAL CAVITY**
[54] **SYSTEME ET PROCEDE POUR CARTOGRAPHIER DES STRUCTURES DE CAVITE NASALE**
[72] KESTEN, RANDY J., US
[72] LIN, ARTHUR M., US
[72] JENKINS, THOMAS R., US
[72] GIROTRA, ROHIT, US
[72] RUGGLES, SANDRA W., US
[72] SANKARAN, MEERE L., US
[72] OLSON, KATHRYN, US
[71] ACCLARENT, INC., US
[85] 2017-10-11
[86] 2016-04-11 (PCT/US2016/026910)
[87] (WO2016/171938)
[30] US (62/150,912) 2015-04-22
[30] US (14/825,551) 2015-08-13

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[51] **Int.Cl. A61L 2/10 (2006.01)**
[25] EN
[54] **TARGETED SURFACE DISINFECTION SYSTEM WITH PULSED UV LIGHT**
[54] **SYSTEME DE DESINFECTION DE SURFACE CIBLEE A LUMIERE UV PULSEE**
[72] RAMANAND, PRAKASH VALENTINO, CA
[72] DHILLON, MANJINDER SINGH, CA
[72] STEINHOFF, ADAM RAY, CA
[72] MENON, VINOD K., US
[71] ANGELICA HOLDINGS LLC, US
[85] 2017-10-11
[86] 2016-04-12 (PCT/US2016/027021)
[87] (WO2016/168139)
[30] US (62/146,299) 2015-04-12
[30] US (15/095,212) 2016-04-11

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[51] **Int.Cl. A23G 3/26 (2006.01) B01J 2/12 (2006.01) B05C 3/08 (2006.01) B05C 11/02 (2006.01) B05D 3/12 (2006.01)**
[25] EN
[54] **EXHAUST PLENUM AND CABINET ASSEMBLY FOR PRODUCTION COATER**
[54] **ENSEMBLE PLENUM D'EVACUATION ET ENCEINTE POUR ENROBEUSE DE PRODUCTION**
[72] PILIPAUSKAS, TIMOTHY C., US
[72] ANGEL, JOSE M., US
[71] THOMAS ENGINEERING INC., US
[85] 2017-10-11
[86] 2016-04-12 (PCT/US2016/027101)
[87] (WO2016/168180)
[30] US (62/148,602) 2015-04-16

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[51] **Int.Cl. G01R 33/3815 (2006.01) G01R 33/20 (2006.01) G01R 33/28 (2006.01) G01R 33/32 (2006.01) G01R 33/36 (2006.01) G01R 33/38 (2006.01)**
[25] EN
[54] **MAGNETIC COIL POWER METHODS AND APPARATUS**
[54] **PROCEDES ET APPAREIL D'ALIMENTATION DE BOBINE MAGNETIQUE**
[72] MILESKI, WILLIAM J., US
[72] CHARVAT, GREGORY, L., US
[72] ROTHBERG, JONATHAN M., US
[72] JORDAN, JEREMY CHRISTOPHER, US
[71] HYPERFINE RESEARCH, INC., US
[85] 2017-10-11
[86] 2016-04-13 (PCT/US2016/027215)
[87] (WO2016/168249)
[30] US (62/146,609) 2015-04-13

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[13] A1
[51] **Int.Cl. A61B 18/14 (2006.01) A61B 18/00 (2006.01)**
[25] EN
[54] **RADIOFREQUENCY DENERVATION NEEDLE AND METHOD**
[54] **PROCEDE ET AIGUILLE DE DENERVATION A RADIOFREQUENCE**
[72] BAZOBERRY, CARLOS FERNANDO, US
[71] BAZOBERRY, CARLOS FERNANDO, US
[85] 2017-10-11
[86] 2016-04-13 (PCT/US2016/027391)
[87] (WO2016/168381)
[30] US (62/146,560) 2015-04-13

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[13] A1
[51] **Int.Cl. C09K 8/80 (2006.01)**
[25] EN
[54] **PROPPANT HAVING NON-UNIFORM ELECTRICALLY CONDUCTIVE COATINGS AND METHODS FOR MAKING AND USING SAME**
[54] **AGENT DE SOUTENEMENT AYANT DES REVETEMENTS NON UNIFORMES ELECTRIQUEMENT CONDUCTEURS ET PROCEDES DE FABRICATION ET D'UTILISATION ASSOCIES**
[72] CANNAN, CHAD, US
[72] BARTEL, LEWIS, US
[72] ROPER, TODD, US
[71] CARBO CERAMICS INC., US
[85] 2017-10-11
[86] 2016-04-15 (PCT/US2016/027917)
[87] (WO2016/168719)
[30] US (62/148,422) 2015-04-16
[30] US (14/826,965) 2015-08-14
[30] US (14/942,304) 2015-11-16

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[51] **Int.Cl. A61M 39/00 (2006.01) A61J 1/20 (2006.01) A61M 5/32 (2006.01) A61M 39/10 (2006.01) A61M 39/26 (2006.01)**
[25] EN
[54] **MEDICAL CONNECTORS CONFIGURED TO RECEIVE EMITTERS OF THERAPEUTIC AGENTS**
[54] **RACCORDS MEDICAUX CONFIGURES POUR RECEVOIR DES EMETTEURS D'AGENTS THERAPEUTIQUES**
[72] FANGROW, THOMAS F., US
[71] ICU MEDICAL, INC., US
[85] 2017-10-11
[86] 2016-05-04 (PCT/US2016/030844)
[87] (WO2016/182822)
[30] US (62/159,130) 2015-05-08
[30] US (62/212,473) 2015-08-31

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[13] A1
[51] **Int.Cl. A61K 31/4168 (2006.01) A61P 1/08 (2006.01)**
[25] EN
[54] **CLONIDINE AND/OR CLONIDINE DERIVATIVES FOR USE IN THE PREVENTION AND/OR TREATMENT OF ADVERSE SIDE EFFECTS OF CHEMOTHERAPY**
[54] **CLONIDINE ET/OU DERIVES DE CLONIDINE DESTINE(E)S A LA PREVENTION ET/OU AU TRAITEMENT D'EFFETS SECONDAIRES INDESIRABLES D'UNE CHIMIOTHERAPIE**
[72] VASSEUR-DEMARCY, BERANGERE, FR
[72] ATTALI, PIERRE, FR
[71] MONOPAR THERAPEUTICS INC., US
[85] 2017-10-12
[86] 2015-04-17 (PCT/EP2015/058419)
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[13] A1
[51] **Int.Cl. G01V 5/10 (2006.01)**
[25] EN
[54] **METHOD FOR DETERMINING ELEMENTAL CONCENTRATIONS IN SPECTRAL GAMMA RAY LOGGING**
[54] **PROCEDE POUR DETERMINER DES CONCENTRATIONS ELEMENTAIRES DANS UNE DIAGRAPHIE SPECTRALE PAR RAYONS GAMMA**
[72] ARDJMANDPOUR, NEGAH, GB
[72] SINGER, JULIAN MORGAN, GB
[71] SONDEX WIRELINE LIMITED, GB
[85] 2017-10-12
[86] 2015-04-27 (PCT/EP2015/059024)
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[13] A1
[51] **Int.Cl. G06F 21/50 (2013.01)**
[25] EN
[54] **DETERMINING SOURCE OF SIDE-LOADED SOFTWARE**
[54] **DETERMINATION DE LA SOURCE D'UN LOGICIEL EXTERNE**
[72] RICHARDSON, DAVID, US
[72] FARRAKHA, AHMED M., US
[72] ROBINSON, WILLIAM N., US
[72] BUCK, BRIAN J., US
[71] LOOKOUT, INC., US
[85] 2017-10-11
[86] 2016-04-18 (PCT/US2016/028149)
[87] (WO2016/178816)
[30] US (62/156,026) 2015-05-01
[30] US (14/731,273) 2015-06-04

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[13] A1
[51] **Int.Cl. H04W 76/02 (2009.01) H04W 4/22 (2009.01)**
[25] EN
[54] **AGGREGATING AND SEGREGATING MULTIPLE DIGITAL VEHICULAR REPEATERS AUTOMATICALLY**
[54] **AGREGATION ET SEGREGATION AUTOMATIQUES DE MULTIPLES REPETEURS VEHICULAIRES NUMERIQUES**
[72] FENG, WEN, CN
[72] CHEN, DAJUN, CN
[72] FEI, XUN, CN
[72] GONG, YAHUI, CN
[72] TIAN, YONG, CN
[71] MOTOROLA SOLUTIONS, INC., US
[85] 2017-10-05
[86] 2015-04-24 (PCT/CN2015/077414)
[87] (WO2016/169057)

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[51] **Int.Cl. C09K 15/04 (2006.01) C08F 2/40 (2006.01)**
[25] EN
[54] **STERICALLY HINDERED HYDROQUINONES AS ANTIFOULANTS FOR UNSATURATED MONOMERS**
[54] **HYDROQUINONES A ENCOMBREMENT STERIQUE EN TANT QU'AGENTS CONTRE L'ENCRASSEMENT POUR MONOMERES INSATURES**
[72] MASERE, JONATHAN, US
[72] COLORADO, RAMON, JR., US
[71] ECOLAB USA INC., US
[85] 2017-10-11
[86] 2016-04-19 (PCT/US2016/028239)
[87] (WO2016/172076)
[30] US (62/150,022) 2015-04-20

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[51] **Int.Cl. C12P 19/34 (2006.01) C12Q 1/68 (2006.01) G01N 33/50 (2006.01)**
[25] EN
[54] **MULTIPLEX DETECTION OF VULVOVAGINAL CANDIDIASIS, TRICHOMONIASIS AND BACTERIAL VAGINOSIS**
[54] **DETECTION MULTIPLEX DE CANDIDOSE VULVO-VAGINALE, DE TRICHOMONASE ET DE VAGINOSE BACTERIENNE**
[72] PAQUETTE, NANCY, CA
[72] TREMBLAY, MARIE-HELENE, CA
[72] TREMBLAY, SIMON, CA
[72] THERRIEN, ROSELINE, CA
[72] FORTIN, MARIE-CHRISTINE, CA
[72] BELLEY-MONTFORT, LUCILE, CA
[72] CANTIN, DANY, CA
[72] ROGER-DALBERT, CELINE, CA
[71] BECTON, DICKINSON AND COMPANY, US
[85] 2017-10-11
[86] 2016-04-20 (PCT/US2016/028433)
[87] (WO2016/172204)
[30] US (62/152,754) 2015-04-24
[30] US (62/279,220) 2016-01-15

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[51] **Int.Cl. F24F 3/052 (2006.01) F24D 5/04 (2006.01) F24D 19/10 (2006.01) F24F 11/00 (2006.01)**
[25] EN
[54] **CENTRALIZED, MULTI-ZONE VARIABLE REFRIGERANT FLOW HEATING/COOLING UNIT**
[54] **UNITE DE CHAUFFAGE/REFROIDISSEMEN T CENTRALISEE A ECOULEMENT MULTI-ZONE VARIABLE DE FLUIDE FRIGORIGENE**
[72] SPRAYBERRY, KELLY GENE, US
[72] WILLIAMS, JOEL JOHN, US
[72] COUCH, CHARLES THOMAS, US
[72] METZGER, EDWARD H., US
[71] MJC, INC., US
[85] 2017-10-11
[86] 2016-05-05 (PCT/US2016/030871)
[87] (WO2016/179338)
[30] US (62/157,109) 2015-05-05
[30] US (14/752,346) 2015-06-26

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[13] A1
[51] **Int.Cl. B68G 7/02 (2006.01) B29D 99/00 (2010.01) B60N 2/70 (2006.01) B68G 11/03 (2006.01)**
[25] EN
[54] **METHOD AND APPARATUS FOR PROCESSING A FIBER CUSHION BODY**
[54] **PROCEDE ET APPAREIL POUR TRAITER UN CORPS D'AMORTISSEUR EN FIBRES**
[72] KRISTO, DARKO, AT
[72] KONCZOL, GEORG, AT
[72] PETZEL, JAN, DE
[71] SCHUKRA GERATEBAU GMBH, AT
[85] 2017-10-12
[86] 2015-05-06 (PCT/EP2015/059975)
[87] (WO2016/177425)

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[13] A1
[51] **Int.Cl. A62D 3/33 (2007.01) C01G 28/02 (2006.01) C01G 49/00 (2006.01)**
[25] EN
[54] **PROCESS AND REACTOR FOR ARSENIC FIXATION**
[54] **PROCEDE ET REACTEUR POUR LA FIXATION D'ARSENIC**
[72] ADHAM, KAMAL, CA
[72] HARRIS, CHRISTOPHER THOMAS, CA
[72] TWIGGE-MOLECEY, CHRISTOPHER FRANCIS MICHAEL, CA
[71] HATCH LTD., CA
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[54] **CONNECTEUR MULTIPOLAIRE, DISPOSITIF CONNECTEUR, ENCEINTE ET PROCEDE DE CONNEXION DE CABLE A UN CONNECTEUR MULTIPOLAIRE**
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[72] HARADA, KATSUYA, JP
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[72] ABELS, KENNETH, CA
[72] KENNEY, BENJAMIN, CA
[72] BUCKRELL, ANDREW, CA
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[54] **TOLE METALLIQUE DESTINEE A DES SEPARATEURS DE PILES A COMBUSTIBLE A ELECTROLYTE POLYMERIQUE**
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[72] ISHIKAWA, SHIN, JP
[72] KAMI, CHIKARA, JP
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[54] **APPAREIL DE SECHAGE DE PORCELETS**
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[72] HABERSTROH, CHRISTOPH, DE
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[54] **MARQUEURS D'ACIDES NUCLEIQUES ET TROUSSE POUR CES DERNIERS DESTINEE AU DIAGNOSTIC RAPIDE DE LA MALADIE DE KAWASAKI**
[72] JIA, HONGLING, CN
[72] ZHANG, GONG, CN
[72] LIU, CHAOWU, CN
[72] ZHANG, LI, CN
[72] CHEN, JIE, CN
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[72] WANG, MIN, CN
[71] HANGZHOU GREAT STAR TOOLS CO., LTD., CN
[71] HANGZHOU GREAT STAR INDUSTRIAL CO., LTD., CN
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[54] **TECHNIQUES D'UTILISATION DE GRAPPES DE N□UDS D'ACCES DANS LA FORMATION DE FAISCEAUX DE BOUT EN BOUT**
[72] CRONIN, CHRISTOPHER, US
[72] MILLER, MARK, US
[72] DANKBERG, MARK, US
[72] BUER, KENNETH, US
[72] RUNYON, DONALD, US
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[54] **DISPOSITIF DE DETECTION D'INFORMATIONS ROUTIERES ET PROCEDE DE DETECTION D'INFORMATIONS ROUTIERES**
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[72] YUI, TOMOHIRO, JP
[72] YOMO, HIDEKUNI, JP
[72] MUKAI, HIROHITO, JP
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[71] VANDERBILT UNIVERSTIY, US
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[54] **SYSTEMES ET PROCEDES POUR L'ADMINISTRATION DE SERVICES DE SOINS A DISTANCE**
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[72] RING, SANDY J., US
[72] RING, CAMERON T., US
[72] LO, MONICA, US
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[54] **METHODS AND COMPOSITIONS FOR PRODUCING BRACHYTIC CORN PLANTS**
[54] **PROCEDES ET COMPOSITIONS POUR PRODUIRE DES PLANTS DE MAIS BACHYTIQUES**
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[72] BROWN, ALANA N., US
[72] CARGILL, EDWARD JAMES, US
[72] FOUQUET, ROMAIN, US
[72] OYERVIDES GARCIA, MANUEL, US
[72] GOMEZ, JOSE RAFAEL, US
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[54] **PROCEDES ET SYSTEMES D'AUTO-DETECTION D'ACCESSOIRES EXTERNES DE POST-PRODUCTION**
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[72] ELDEN, CHARLES, US
[72] KARRO, JARED, US
[72] TUCKER, MARK, US
[71] TEMPORAL DEFENSE SYSTEMS, LLC, US
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[54] **COLLECTE DE DONNEES, INTEGRATION ET PRESENTATION DE CAPTEUR MULTICONTEXTE**
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[72] DATSKOV, IVAN, US
[71] OSISOFT, LLC, US
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[54] **MACHINE DE PULVERISATION DE TUYAU**
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[54] **BRULEUR A ELEMENT DE DISTRIBUTION D'ECOULEMENT**
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[72] ADAMS, JAMES TRAVIS, US
[72] PUTNAM, BENJAMIN PAUL, US
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[71] HILTI AKTIENGESELLSCHAFT, LI
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[54] **STRUCTURE MODULAIRE POUR L'INSTALLATION D'UN TERRAIN DE JEU ARTIFICIEL**
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[72] DE VRIES, HUGO, NL
[71] TEN CATE THIOLON B.V., NL
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[54] **CORDON PROLONGATEUR, PRISE ET CACHE D'UNE PRISE**
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[54] **PROCEDE DE CHLORATION ET DE DESHYDROGENATION D'ETHANE**
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[54] **MOYEN DE DIAGNOSTIC, DE PREDICTION OU DE SURVEILLANCE DE LA PNEUMONIE A PNEUMOCYSTIS**
[72] ALANIO, ALEXANDRE, FR
[72] BRETAGNE, STEPHANE, FR
[72] DROMER, FRANCOISE, FR
[72] STURNY-LECLERE, AUDE, FR
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[72] BENAZRA, MARION, FR
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[54] **DRAGUE SUCEUSE A INVERSION DU FLUX AINSI QUE PROCEDE DE COMMANDE ASSOCIE**
[72] RENGER, MARINA, DE
[72] RENGER, KARL-HEINZ, DE
[72] GRABER, JENS, DE
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[54] **SYSTEME D'ASCENSEUR PRESENTANT UN GALET DONT LA SURFACE DE CONTACT PRESENTE UNE STRUCTURE ANISOTROPE**
[72] CAMBRUZZI, ANDREA, CH
[72] ZAPF, VOLKER, CH
[71] INVENTIO AG, CH
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[54] **DISPOSITIF ET PROCEDE DE COMMANDE D'UN DISPOSITIF DE CHAUFFAGE ELECTRIQUE POUR LIMITER LA TEMPERATURE SELON UN PROFIL DE TEMPERATURE SOUHAITE DANS LE TEMPS**
[72] BERNAUER, DOMINIQUE, CH
[72] TALON, PASCAL, FR
[71] PHILIP MORRIS PRODUCTS S.A., CH
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[54] **RACCORD DE TUYAUX RESISTANT AU FEU**
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[72] TAYLOR, NEIL JOHN THORNTON, GB
[71] TAYLOR KERR (COUPLINGS) LIMITED, GB
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[25] EN
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[54] **APPAREIL LOGISTIQUE RECYCLABLE ET PROCEDE ET SYSTEME DE TRAITEMENT DE SIGNAUX VIDES ET COMPLETS DE CELUI-CI**
[72] LIAO, QINGXIN, CN
[72] CAO, YIWEN, CN
[72] YE, CHUNJIANG, CN
[71] SHANGHAI HONGYAN RETURNABLE TRANSIT PACKAGINGS CO., LTD., CN
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[25] EN
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[54] **FIL-GUIDE A CAPTEUR DE NAVIGATION**
[72] JENKINS, THOMAS R., US
[72] KESTEN, RANDY J., US
[72] GIROTRA, ROHIT, US
[71] ACCLARENT, INC., US
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[51] **Int.Cl. C12N 1/21 (2006.01) C12N 1/38 (2006.01) C12N 15/10 (2006.01)**
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[54] **PRODUCTION AND MONITORING OF METABOLITES IN CELLS**
[54] **PRODUCTION ET SURVEILLANCE DE METABOLITES DANS DES CELLULES**
[72] ROGERS, JAMESON, US
[72] CHURCH, GEORGE M., US
[71] PRESIDENT AND FELLOWS OF HARVARD COLLEGE, US
[85] 2017-10-12
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[87] (WO2016/168182)
[30] US (62/146,478) 2015-04-13

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[54] **AIRCRAFT FUEL PUMP**
[54] **POMPE A CARBURANT D'AERONEF**
[72] EGNER, JOHN, GB
[72] BRADSHAW, NIGEL, GB
[71] EATON LIMITED, GB
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[51] **Int.Cl. A61B 6/00 (2006.01) A61B 6/03 (2006.01) G06F 19/00 (2011.01) G06T 5/50 (2006.01)**
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[54] **DUAL ENERGY X-RAY CORONARY CALCIUM GRADING**
[54] **CLASSEMENT DU CALCIUM CORONAIRE PAR UNE TECHNIQUE BIENERGETIQUE A RAYONS X**
[72] WILSON, DAVID, US
[72] GILKESON, ROBERT, US
[72] WEN, DI, US
[71] CASE WESTERN RESERVE UNIVERSITY, US
[85] 2017-10-12
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[51] **Int.Cl. A24F 15/18 (2006.01) A24F 47/00 (2006.01) H04M 1/02 (2006.01) A45C 11/00 (2006.01)**
[25] EN
[54] **CASE FOR A MOBILE DEVICE**
[54] **BOITIER POUR UN DISPOSITIF MOBILE**
[72] FERNANDO, FELIX, GB
[72] MANCA, LAURENT, CH
[72] HEDARCHET, STEPHANE ANTONY, CH
[71] PHILIP MORRIS PRODUCTS S.A., CH
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[51] **Int.Cl. B65D 41/04 (2006.01) B65D 51/16 (2006.01)**
[25] EN
[54] **RE-CLOSABLE CONTAINER**
[54] **RECIPIENT REFERMABLE**
[72] RAMSEY, CHRISTOPHER PAUL, GB
[71] CROWN PACKAGING TECHNOLOGY, INC., US
[85] 2017-10-12
[86] 2016-04-12 (PCT/EP2016/058036)
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[25] EN
[54] **ANTIBODIES, COMPOSITIONS, AND IMMUNOHISTOCHEMISTRY METHODS FOR DETECTING C4.4A**
[54] **ANTICORPS, COMPOSITIONS ET PROCEDES D'IMMUNOHISTOCHIMIE PERMETTANT LA DETECTION DE C4.4A**
[72] COUTO, FERNANDO JOSE REBELO DO, US
[72] LIAO, ZHIMING, US
[72] ZHU, YIFEI, US
[71] SPRING BIOSCIENCE CORPORATION, US
[85] 2017-10-12
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[51] **Int.Cl. F01C 1/344 (2006.01) F03C 2/08 (2006.01) F04C 2/344 (2006.01)**
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[54] **UNITARY PUMP AND TURBINE ENERGY EXCHANGER**
[54] **POMPE UNITAIRE ET ECHANGEUR DE CHALEUR A TURBINE**
[72] SCHEVETS, ANDREW, US
[71] AMORPHIC TECH LTD, US
[85] 2017-10-12
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[25] EN
[54] **COMMINUTING DEVICE**
[54] **DISPOSITIF DE FRAGMENTATION**
[72] SCHARFE, FELIX, DE
[72] SCHARFE, OSCAR, DE
[71] PMS HANDELSKONTOR GMBH, DE
[85] 2017-10-05
[86] 2016-02-11 (PCT/EP2016/052939)
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[54] **METHOD OF OPERATING A COMPUTING DEVICE, COMPUTING DEVICE AND COMPUTER PROGRAM**
[54] **PROCEDE DE FONCTIONNEMENT D'UN DISPOSITIF INFORMATIQUE, DISPOSITIF INFORMATIQUE ET PROGRAMME INFORMATIQUE**
[72] QUINLAN, SEAN MICHAEL, US
[71] GOOD TECHNOLOGY HOLDINGS LIMITED, CA
[85] 2017-10-12
[86] 2016-04-12 (PCT/US2016/027149)
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[54] **METHOD AND COMPOSITIONS FOR ENHANCED OIL RECOVERY**
[54] **PROCEDE ET COMPOSITIONS POUR LA RECUPERATION D'HUILE PERFECTIONNEE**
[72] CLEMENTS, JAMES, US
[71] MONTGOMERY CHEMICALS LLC, US
[85] 2017-10-12
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[51] **Int.Cl. A61K 39/00 (2006.01)**
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[54] **IMMUNOGENIC FUSION PROTEINS FOR THE TREATMENT OF CANCER**
[54] **PROTEINES DE FUSION IMMUNOGENES POUR LE TRAITEMENT DU CANCER**
[72] BROCKSTEDT, DIRK G., US
[72] LAUER, PETER M., US
[72] HANSON, WILLIAM G., US
[72] LEONG, MEREDITH LAI LING, US
[72] FASSO, MARCELLA, US
[72] RAE, CHRISTOPHER STEVEN, US
[72] DRAKE, CHARLES G., US
[71] ADURO BIOTECH, INC., US
[71] THE JOHNS HOPKINS UNIVERSITY, US
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[25] EN
[54] **CORRUGATED FILTRATION MEDIA FOR POLARIZING AIR CLEANER**
[54] **MILIEU DE FILTRATION ONDULE POUR NETTOYEUR D'AIR A POLARISATION**
[72] WISER, FORWOOD C., US
[71] ENVIRONMENTAL MANAGEMENT CONFEDERATION, INC., US
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[54] **VEHICLE PERIPHERY INFORMATION VERIFICATION DEVICE AND METHOD**
[54] **DISPOSITIF ET PROCEDE DE VERIFICATION D'INFORMATIONS DE PERIPHERIE DE VEHICULE**
[72] KHIAT, ABDELAZIZ, JP
[71] NISSAN MOTOR CO., LTD., JP
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[54] **ONE-STEP METHOD FOR PRODUCTION OF ULTRA-SMALL LIPID STRUCTURES**
[54] **PROCEDE EN UNE ETAPE POUR LA PRODUCTION DE STRUCTURES LIPIDIQUES ULTRA-PETITES**
[72] FOUNTAIN, MICHAEL, US
[71] FOUNTAIN TECHNOLOGIES INTERNATIONAL, LLC, US
[85] 2017-10-12
[86] 2016-04-13 (PCT/US2016/027194)
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[54] **SECURE EQUIPMENT TRANSFER SYSTEM**
[54] **SYSTEME DE TRANSFERT D'EQUIPEMENT SECURISE**
[72] BALLY, ALEXANDER, US
[72] COLBURN, ERIC, US
[71] NEXXSPAN HEALTHCARE, LLC, US
[85] 2017-10-12
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[25] EN
[54] **FISH THROUGH FILTER DEVICE**
[54] **DISPOSITIF FILTRANT AU MOYEN D'UN POISSON**
[72] LINKLATER, JAMES, GB
[72] BUCKLAND, JONATHAN, GB
[71] M-I DRILLING FLUIDS UK LTD., GB
[85] 2017-10-12
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[54] **TISSUE PRODUCTS COMPRISING HIGH CARBOHYDRATE CONTENT FILLERS**
[54] **PRODUITS DE TISSU COMPRENANT DES CHARGES A TENEUR ELEVEE EN GLUCIDES**
[72] SHANNON, THOMAS GERARD, US
[72] SHI, BO, US
[71] KIMBERLY-CLARK WORLDWIDE, INC., US
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[25] EN
[54] **PENDANT PHYSIOLOGICAL SIGNAL MONITOR AND ASSOCIATED SYSTEMS AND METHODS**
[54] **CONTROLE DE SIGNAL PHYSIOLOGIQUE DE PENDENTIF ET SYSTEME ET PROCEDES ASSOCIES**
[72] BALDA, ANTHONY, US
[72] KOOS, GEORGE, US
[71] MEDICOMP, INC., US
[85] 2017-10-12
[86] 2016-04-13 (PCT/US2016/027310)
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[25] EN
[54] **POLARIZATION MULTIPLEXING OPTICAL TRANSMISSION CIRCUIT AND POLARIZATION MULTIPLEXING OPTICAL TRANSMISSION AND RECEPTION CIRCUIT**
[54] **CIRCUIT DE TRANSMISSION OPTIQUE A MULTIPLEXAGE EN POLARISATION ET CIRCUIT DE TRANSMISSION ET RECEPTION OPTIQUES A MULTIPLEXAGE EN POLARISATION**
[72] KAMEI, SHIN, JP
[72] JIZODO, MAKOTO, JP
[72] FUKUDA, HIROSHI, JP
[72] KIKUCHI, KIYOFUMI, JP
[72] TSUZUKI, KEN, JP
[71] NIPPON TELEGRAPH AND TELEPHONE CORPORATION, JP
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[54] **ANTIBODIES DIRECTED AGAINST INTERLEUKIN 36 RECEPTOR (IL-36R)**
[54] **ANTICORPS DIRIGES CONTRE LE RECEPTEUR DE L'INTERLEUKINE 36 (IL-36R)**
[72] BOWERS, PETER, US
[72] MCKNIGHT, ANDREW JOHN, US
[72] KING, DAVID J., US
[72] LONDEI, MARCO, US
[71] ANAPTYSBIO, INC., US
[85] 2017-10-12
[86] 2016-04-15 (PCT/US2016/027676)
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[25] EN
[54] **CURTAINSIDE MOVABLE WALL SYSTEM**
[54] **SYSTEME DE PAROI MOBILE DU TYPE RIDEAU LATERAL**
[72] JENNISON, DANE, US
[72] WHITE, BRYCE, US
[71] BROWN INDUSTRIES, LLC, US
[85] 2017-10-12
[86] 2016-04-15 (PCT/US2016/027697)
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[30] US (14/687,598) 2015-04-15

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[51] **Int.Cl. B01F 3/00 (2006.01) B01F 3/12 (2006.01)**
[25] EN
[54] **APPARATUS FOR DEWATERING AND DEMINERALIZATION OF FINE PARTICLES**
[54] **APPAREIL DE DESHYDRATATION ET DE DEMINERALISATION DE PARTICULES DE FINES**
[72] YOON, ROE-HOAN, US
[72] LUTTRELL, GERALD, US
[72] GUPTA, NIKHIL, US
[71] VIRGINIA TECH INTELLECTUAL PROPERTIES, INC., US
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[30] US (62/146,655) 2015-04-13

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[51] **Int.Cl. E21B 43/11 (2006.01) E21B 43/16 (2006.01) E21B 43/25 (2006.01)**
[25] EN
[54] **PERFORATOR WITH A MECHANICAL DIVERSION TOOL AND RELATED METHODS**
[54] **PERFORATEUR AYANT UN OUTIL DE DERIVATION MECANIQUE ET PROCEDES ASSOCIES**
[72] FLORES, JUAN C., US
[72] CASTRO, LUIS A., US
[72] PORTER, ANDRE J., US
[71] BAKER HUGHES, A GE COMPANY, LLC, US
[85] 2017-10-12
[86] 2016-04-15 (PCT/US2016/027766)
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[30] US (14/688,487) 2015-04-16

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[51] **Int.Cl. G01H 9/00 (2006.01) G01N 29/34 (2006.01) G01N 29/36 (2006.01) H02J 13/00 (2006.01)**
[25] EN
[54] **ENHANCED OPTICAL CONDITION MONITORING SYSTEM FOR POWER TRANSFORMER AND METHOD FOR OPERATING POWER TRANSFORMER**
[54] **SYSTEME DE SURVEILLANCE D'ETAT OPTIQUE AMELIORE POUR TRANSFORMATEUR ELECTRIQUE ET PROCEDE DE FONCTIONNEMENT DE TRANSFORMATEUR ELECTRIQUE**
[72] OSHETSKI, MICHAEL, US
[72] PRADHAN, ATUL, US
[71] MICATU INC., US
[85] 2017-10-12
[86] 2016-04-15 (PCT/US2016/027782)
[87] (WO2016/168621)
[30] US (62/149,140) 2015-04-17

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[51] **Int.Cl. G08B 21/00 (2006.01) G10L 17/00 (2013.01) H04R 3/00 (2006.01) H04R 3/02 (2006.01) H04S 7/00 (2006.01)**
[25] EN
[54] **AUDIO DETECTION SYSTEM AND METHODS**
[54] **SYSTEME ET PROCEDES DE DETECTION AUDIO**
[72] SEBASTIAN, RICHARD, US
[72] BELSLEY, KENDALL, US
[71] DSCG SOLUTIONS, INC., US
[85] 2017-10-12
[86] 2016-04-13 (PCT/US2016/027273)
[87] (WO2016/168288)
[30] US (62/146,736) 2015-04-13
[30] US (15/096,881) 2016-04-12

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[13] A1
[51] **Int.Cl. C12N 5/00 (2006.01) C12N 15/00 (2006.01) C12N 15/09 (2006.01)**
[25] EN
[54] **METHOD FOR PRODUCING STEM CELL CLONE SUITABLE FOR INDUCING DIFFERENTIATION INTO SOMATIC CELLS**
[54] **METHODE DE PRODUCTION DE CLONE DE CELLULE SOUCHE PERMETTANT D'INDUIRE LA DIFFERENCIATION DANS LES CELLULES SOMATIQUES**
[72] ETO, KOJI, JP
[72] ENDO, HIROSHI, JP
[72] SHIGEMORI, TOMOHIRO, JP
[71] KYOTO UNIVERSITY, JP
[71] MEGAKARYON CORPORATION, JP
[85] 2017-10-12
[86] 2016-04-14 (PCT/JP2016/062040)
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[30] JP (2015-082768) 2015-04-14

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[13] A1
[51] **Int.Cl. C12Q 1/68 (2006.01) G06F 19/18 (2011.01)**
[25] EN
[54] **METHODS, SYSTEMS AND PROCESSES OF IDENTIFYING GENETIC VARIATION IN HIGHLY SIMILAR GENES**
[54] **PROCEDES, SYSTEMES ET PROCESSUS D'IDENTIFICATION DE VARIATION GENETIQUE DANS DES GENES EXTREMEMENT SIMILAIRES**
[72] KVITEK, DANIEL J., US
[72] GAFNI, ERIK, US
[71] INVITAE CORPORATION, US
[85] 2017-10-12
[86] 2016-04-13 (PCT/US2016/027379)
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[30] US (62/146,936) 2015-04-13

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[13] A1
[51] **Int.Cl. E21B 41/00 (2006.01) G06F 19/00 (2011.01)**
[25] EN
[54] **CONDITION BASED MAINTENANCE PROGRAM BASED ON LIFE-STRESS ACCELERATION MODEL AND TIME-VARYING STRESS MODEL**
[54] **PROGRAMME DE MAINTENANCE CONDITIONNELLE BASE SUR UN MODELE D'ACCELERATION DES CONTRAINTES LIEES A LA DUREE DE VIE ET D'UN MODELE DE CONTRAINTE EN FONCTION DU TEMPS**
[72] JACKS, CURTIS, US
[72] BURKE, KEELEY, GB
[72] CHEN, WANYING, SG
[71] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2017-10-12
[86] 2015-05-18 (PCT/US2015/031414)
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[51] **Int.Cl. A61B 17/00 (2006.01) A61H 23/00 (2006.01) A61M 5/32 (2006.01)**
[25] EN
[54] **COLLAGEN STIMULATION DEVICE AND METHODS**
[54] **DISPOSITIF ET PROCEDES DE STIMULATION DE COLLAGENE**
[72] PROCTOR, JOSEPH, US
[72] UR RAHMAN, TANZEEL, US
[72] HEGLER, RONALD J., US
[72] LAPEUS, DAVID J., US
[72] MULLNER, JAMES, US
[71] BELLUS MEDICAL, LLC, US
[85] 2017-10-12
[86] 2016-04-13 (PCT/US2016/027382)
[87] (WO2016/168374)
[30] US (62/146,939) 2015-04-13

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[13] A1
[51] **Int.Cl. A47C 31/10 (2006.01) A47C 21/06 (2006.01) A47C 31/00 (2006.01)**
[25] EN
[54] **MATTRESS ENCASEMENT SYSTEMS**
[54] **SYSTEMES DE HOUSSE DE MATELAS**
[72] SCARLESKI, WILLIAM JOHN, US
[71] LEVITATION SCIENCES LLC, US
[85] 2017-10-12
[86] 2016-03-10 (PCT/US2016/021695)
[87] (WO2016/145148)
[30] US (62/130,906) 2015-03-10

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[13] A1
[51] **Int.Cl. A47L 15/44 (2006.01) B01F 1/00 (2006.01) B65D 47/06 (2006.01)**
[25] EN
[54] **PACKAGING CONCEPT FOR SOLID PRODUCTS**
[54] **CONCEPT DE CONDITIONNEMENT POUR PRODUITS SOLIDES**
[72] CONRAD, GREGORY SCOTT, US
[72] GILBERTSON, SARAH ELISE, US
[72] LIMBACK, SCOTT R., US
[72] OSTERBERG, DANIEL, US
[72] KING, GRETCHEN, US
[72] SCHULTZ, JEFFREY MICHAEL, US
[72] SWENSON, PETER, US
[72] MEIER, TIMOTHY, US
[71] ECOLAB USA INC., US
[85] 2017-10-12
[86] 2016-04-15 (PCT/US2016/027791)
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[30] US (62/148,463) 2015-04-16
[30] US (62/316,688) 2016-04-01

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[13] A1
[51] **Int.Cl. A61G 5/10 (2006.01) A61G 7/05 (2006.01) A61G 12/00 (2006.01) A61M 5/14 (2006.01) B62B 11/00 (2006.01)**
[25] EN
[54] **DOCKING SYSTEMS FOR MEDICAL DEVICES AND RELATED DEVICES**
[54] **SYSTEMES D'ACCUEIL POUR DISPOSITIFS MEDICAUX ET DISPOSITIFS ASSOCIES**
[72] BLANKENSHIP, SAMUEL A., US
[72] BLANKENSHIP, PETER B., US
[72] BAUMHARDT, RICHARD, US
[71] SKYTRON, LLC, US
[85] 2017-10-12
[86] 2016-04-14 (PCT/US2016/027519)
[87] (WO2016/168453)
[30] US (62/148,398) 2015-04-16
[30] US (62/207,106) 2015-08-19
[30] US (62/210,724) 2015-08-27

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[51] **Int.Cl. A23L 3/375 (2006.01) F25D 3/10 (2006.01)**
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[54] **INLINE MIXING INJECTOR FOR LIQUID PRODUCTS**
[54] **INJECTEUR DE MELANGE DANS UNE CANALISATION POUR PRODUITS LIQUIDES**
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[72] LILAKOS, LOUIS, CA
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[54] **A METHOD FOR DETERMINATION OF DIVERSITY AND VIABILITY THRESHOLDS USED TO ASSESS MICROORGANISMS IN PROCESS SAMPLES**
[54] **PROCEDE POUR LA DETERMINATION DE LA DIVERSITE ET DE LA VIABILITE DES SEUILS UTILISES POUR EVALUER DES MICRO-ORGANISMES DANS DES ECHANTILLONS DE TRAITEMENT**
[72] RICE, LAURA E., US
[72] LUND, LILIYA, US
[71] ECOLAB USA INC., US
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[54] **INHIBITEUR DE BROMODOMAINE**
[72] BENNETT, MICHAEL JOHN, US
[72] BETANCORT, JUAN MANUEL, US
[72] BOLOOR, AMOGH, US
[72] KALDOR, STEPHEN W., US
[72] STAFFORD, JEFFREY ALAN, US
[72] VEAL, JAMES MARVIN, US
[71] CELGENE QUANTICEL RESEARCH, INC., US
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[54] **POTEAUX DE SUPPORT D'HOPITAL AVEC UNITES D'ALIMENTATION EMBARQUEES**
[72] BLANKENSHIP, SAMUEL A., US
[72] BLANKENSHIP, PETER B., US
[72] BAUMHARDT, RICHARD, US
[71] SKYTRON, LLC, US
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[54] **PROCEDES DE COMBUSTION POUR FLUX DE COMBUSTIBLE A FAIBLE VITESSE**
[72] FRANCIS, ARTHUR W., JR., US
[72] KOBAYASHI, HISASHI, US
[72] WU, KUANG-TSAI, US
[71] PRAXAIR TECHNOLOGY, INC., US
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[72] TANSEY, GWENIVERE R., US
[72] TANSEY, JOSEPH F., US
[71] TANSEY, FRANCIS X., JR., US
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[54] **DISPOSITIF DE CULTURE REUTILISABLE JETABLE PORTATIF POUR LE DIAGNOSTIC RAPIDE D'AGENTS INFECTIEUX**
[72] PARIKH, BHAIRAVI, US
[71] VAX-IMMUNE, LLC, US
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[54] **SYSTEMES ET PROCEDES POUR UNE ANALYSE ET UNE VALIDATION D'ANTENNE**
[72] HUARD, ANDREW, US
[72] LARUSSI, AMEDEO, US
[72] MCINTURFF, KIM, US
[71] RAYTHEON COMPANY, US
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[72] SOWERS, BEN, US
[72] BEAL, MARC P., US
[71] BIOSEARCH TECHNOLOGIES, INC., US
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[54] **METAGENOMIC COMPOSITIONS AND METHODS FOR THE DETECTION OF BREAST CANCER**
[54] **COMPOSITIONS METAGENOMIQUES ET METHODES POUR LA DETECTION DU CANCER DU SEIN**
[72] ROBERTSON, ERLE S., US
[72] ALWINE, JAMES, US
[71] THE TRUSTEES OF THE UNIVERSITY OF PENNSYLVANIA, US
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[54] **PERFUSION INTRA-ARTERIELLE HEPATIQUE DE CELLULES T DE TYPE CAR**
[72] KATZ, STEVEN C., US
[72] JUNGHANS, RICHARD, US
[71] PROSPECT CHARTERCARE RWMC, LLC D/B/A ROGER WILLIAMS MEDICAL CENTER, US
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[54] **AUTOMATED RETAIL MACHINE**
[54] **MACHINE DE VENTE AU DETAIL AUTOMATISEE**
[72] QUEZADA, DOUGLAS PATRICIO, US
[71] KIOSGO LLC, US
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[54] **PROCEDES POUR AMELIORER UNE REPONSE IMMUNITAIRE AVEC UN ANTAGONISTE DE CTLA-4**
[72] HALPERT, MATTHEW, US
[72] DECKER, WILLIAM K., US
[72] KONDURI, VANAJA, US
[71] BAYLOR COLLEGE OF MEDICINE, US
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[54] **MEDICAL VALVE, KIT COMPRISING SUCH A VALVE, AND METHOD FOR PREPARING A MIXTURE OR AN EMULSION**
[54] **ROBINET MEDICAL, KIT COMPRENANT UN TEL ROBINET ET METHODE DE PREPARATION D'UN MELANGE OU D'UNE EMULSION**
[72] ALLARD, LUDOVIC, FR
[71] GUERBET, FR
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[54] **USE OF CD24 FOR LOWERING LOW-DENSITY LIPOPROTEIN CHOLESTEROL LEVELS**
[54] **UTILISATION D'UNE PROTEINE CD24 POUR FAIRE BAISSER LES TAUX DE CHOLESTEROL LDL**
[72] LIU, YANG, US
[72] ZHENG, PAN, US
[71] ONCOIMMUNE, INC., US
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[54] **TABLETTE PLIANTE**
[72] ENZINGER, SINDHUJA-CHEEMA, AT
[72] KONRAD, WILFRIED JOHANN, AT
[71] FACC AG, AT
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[54] **IMMUNOTHERAPIE PAR CELLULES DENDRITIQUES**
[72] DECKER, WILLIAM K., US
[72] HALPERT, MATTHEW, US
[71] BAYLOR COLLEGE OF MEDICINE, US
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[54] **ELEMENT DE GOUVERNE**
[72] FILSEGGER, HERMANN, AT
[72] STEPHAN, WALTER, AT
[71] FACC AG, AT
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[54] **SELECTIVE SEPARATION OF ELEMENTS OR COMMODITIES OF INTEREST IN AQUEOUS STREAMS**
[54] **SEPARATION SELECTIVE D'ELEMENTS OU DE PRODUITS D'INTERET DANS DES FLUX AQUEUX**
[72] DOUGLAS, GRANT BRIAN, AU
[71] COMMONWEALTH SCIENTIFIC AND INDUSTRIAL RESEARCH ORGANIZATION, AU
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[54] **RACCORD POUR STRUCTURE DE BATIMENT MODULAIRE**
[72] BOWRON, JULIAN, CA
[71] VECTORBLOC CORP., CA
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[54] **PROCEDE ET APPAREIL POUR UN DISPOSITIF D'AIGUILLAGE**
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[71] ALSTOM TRANSPORT TECHNOLOGIES, FR
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[54] **PROCEDE DE FONCTIONNALISATION DE CARBONES SP2-H A L'AIDE DE CATALYSEURS COMPRENANT UNE PAIRE DE LEWIS FRUSTREE**
[72] FONTAINE, FREDERIC-GEORGES, CA
[72] LEGARE, MARC-ANDRE, CA
[72] COURTEMANCHE, MARC-ANDRE, CA
[71] UNIVERSITE LAVAL, CA
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[54] **HIGHLY WATER-SOLUBLE SALTS OF A SHORT ACTING PHENYLALKYLAMINE CALCIUM CHANNEL BLOCKER AND USES THEREOF**
[54] **SELS TRES HYDROSOLUBLES D'UN INHIBITEUR DES CANAUX CALCIQUES A BASE DE PHENYLALKYLAMINE A ACTION COURTE ET LEURS UTILISATIONS**
[72] MAGUIRE, MARTIN P., CA
[71] MILESTONE PHARMACEUTICALS INC., CA
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[54] **SYSTEM AND METHODS FOR A GRAPHICAL USER INTERFACE FOR CONDUCTING OPTOMETRIC SURGERY**
[54] **SYSTEME ET PROCEDES POUR UNE INTERFACE GRAPHIQUE UTILISATEUR POUR EFFECTUER UNE CHIRURGIE OPTOMETRIQUE**
[72] FUNG, EDITH W., US
[72] MALLOUGH, MITCHELL, US
[72] HUNTER, TIMOTHY L., US
[72] NG, SUMMER W., US
[72] HAJISHAH, ABRAHAM, US
[72] BRYNER, ERICK, US
[71] ABBOTT MEDICAL OPTICS INC., US
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[54] **BOURREUSE DESTINEE AU TASSEMENT DU LIT DE BALLAST D'UNE VOIE FERROVIAIRE**
[72] LICHTBERGER, BERNHARD, AT
[71] HP3 REAL GMBH, AT
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[54] **CABAZITAXEL FAT EMULSION INJECTION, AND PREPARATION METHOD AND USE THEREOF**
[54] **INJECTION D'EMULSION GRASSE A BASE DE CABAZITAXEL, PROCEDE DE PREPARATION ET UTILISATION ASSOCIES**
[72] CHEN, JIANMING, CN
[72] GAO, BAO'AN, CN
[72] ZHOU, QINQIN, CN
[72] WANG, GUOCHENG, CN
[72] YANG, GUOJUN, CN
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[54] **COMPOSITE TUBE FOR REPAIRING LEAKY FLUID LINES, METHOD FOR PRODUCING SUCH A COMPOSITE TUBE AND METHOD FOR REPAIRING LEAKY FLUID LINES WITH A COMPOSITE TUBE**
[54] **TUYAU FLEXIBLE COMPOSITE SERVANT A REPARER DES CONDUITES DE FLUIDE NON ETANCHES, PROCEDE SERVANT A FABRIQUER UN TUYAU FLEXIBLE COMPOSITE DE CE TYPE ET PROCEDE SERVANT A REPARER DES CONDUITES DE FLUIDE NON ETANCHES AVEC UN TUYAU FLEXIBLE COMPOSITE**
[72] BENOLKEN, ANSGAR, DE
[71] CUYLITS HOLDING GMBH, DE
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[54] **CALIBRATION OF IN-LINE MONITORING INSTRUMENTS IN A SUBSEA INSTALLATION**
[54] **ETALONNAGE D'INSTRUMENTS DE SURVEILLANCE EN LIGNE DANS UNE INSTALLATION SOUS-MARINE**
[72] LOKKEN, TORBJORN VEGARD, NO
[72] FLOLO, DAG HENDRIK, NO
[71] STATOIL PETROLEUM AS, NO
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[54] **METHODS FOR THE TREATMENT OF CARDIOVASCULAR DISORDERS.**
[54] **PROCEDES POUR LE TRAITEMENT DE TROUBLES CARDIOVASCULAIRES**
[72] WIGERINCK, PIET TOM BERT PAUL, BE
[72] VAN 'T KLOOSTER, GERBEN ALBERT ELEUTHERIUS, BE
[71] GALAPAGOS NV, BE
[85] 2017-10-12
[86] 2016-03-31 (PCT/EP2016/057103)
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[30] GB (1506228.4) 2015-04-13
[30] GB (1507109.5) 2015-04-27
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[25] EN
[54] **METHODS FOR THE TREATMENT OF INFLAMMATORY DISORDERS**
[54] **METHODES DE TRAITEMENT DE TROUBLES INFLAMMATOIRES**
[72] WIGERINCK, PIET TOM BERT PAUL, BE
[72] VAN 'T KLOOSTER, GERBEN ALBERT ELEUTHERIUS, BE
[72] VANHOUTTE, FREDERIC PAUL, BE
[71] GALAPAGOS NV, BE
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[30] GB (1506229.2) 2015-04-13
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[54] **CHROMENE DERIVATIVES AS PHOSHOINOSITIDE 3-KINASES INHIBITORS**
[54] **DERIVES DE CHROMENE UTILISES COMME INHIBITEURS DES PHOSHOINOSITIDE 3-KINASES**
[72] CAPELLI, ANNA MARIA, IT
[72] BIAGETTI, MATTEO, IT
[72] ACCETTA, ALESSANDRO, IT
[71] CHIESI FARMACEUTICI S.P.A., IT
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[51] **Int.Cl. A01N 65/10 (2009.01) A01P 5/00 (2006.01)**
[25] FR
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[54] **RESISTANCE A HETERODERA CAROTAE ET METHODES D'UTILISATION**
[72] BARROT, LAURE, FR
[71] VILMORIN & CIE, FR
[85] 2017-10-12
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[87] (WO2016/166262)
[30] FR (1553449) 2015-04-17

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[51] **Int.Cl. F16K 11/085 (2006.01) A61M 39/10 (2006.01) A61M 39/22 (2006.01) F16K 27/06 (2006.01)**
[25] FR
[54] **MEDICAL VALVE, KIT COMPRISING SUCH A VALVE, AND METHOD FOR PREPARING A MIXTURE OR AN EMULSION**
[54] **ROBINET MEDICAL, KIT COMPRENANT UN TEL ROBINET ET METHODE DE PREPARATION D'UN MELANGE OU D'UNE EMULSION**
[72] ALLARD, LUDOVIC, FR
[71] GUERBET, FR
[85] 2017-10-12
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[87] (WO2016/166339)
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[51] **Int.Cl. G01S 5/00 (2006.01) G01S 5/02 (2010.01) G01S 5/18 (2006.01)**
[25] EN
[54] **LOCATION SYSTEM**
[54] **SYSTEME DE LOCALISATION**
[72] OLSEN, OYSTEIN, NO
[72] BOOIJ, WILFRED, NO
[71] SONITOR TECHNOLOGIES AS, NO
[85] 2017-10-12
[86] 2016-04-21 (PCT/GB2016/051113)
[87] (WO2016/174396)
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[51] **Int.Cl. A61K 45/00 (2006.01) A61K 31/7088 (2006.01) A61K 31/7105 (2006.01) A61K 31/713 (2006.01) A61K 48/00 (2006.01) A61P 1/00 (2006.01) A61P 17/00 (2006.01) A61P 35/00 (2006.01) A61P 43/00 (2006.01)**
[25] EN
[54] **CELL DEATH INDUCING AGENT FOR CELLS HAVING BRAF GENE MUTATION, GROWTH SUPPRESSING AGENT FOR SAME CELLS AND PHARMACEUTICAL COMPOSITION FOR THERAPY OF DISEASES CAUSED BY GROWTH DEFECT OF SAME CELLS**
[54] **AGENT INDUISANT LA MORT CELLULAIRE DESTINE A DES CELLULES PRESENTANT UNE MUTATION DU GENE BRAF, AGENT D'ARRET DE CROISSANCE DE CES CELLULES ET COMPOSITION PHARMACEUTIQUE DESTINEE A LA THERAPIE DE MALADIES CAUSEES PAR UN DEFAUT DE CROISSANCE DE CES CELLULES**
[72] NIITSU, YOSHIRO, JP
[72] NISHITA, HIROKI, JP
[71] NITTO DENKO CORPORATION, JP
[85] 2017-10-12
[86] 2016-04-15 (PCT/JP2016/062090)
[87] (WO2016/167340)
[30] JP (2015-084286) 2015-04-16
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[25] EN
[54] **COMPOSITION FOR SUPPRESSING MUSCULAR FATTY CHANGE**
[54] **COMPOSITION PERMETTANT DE SUPPRIMER UN CHANGEMENT ADIPEUX MUSCULAIRE**
[72] OTSUKA, YUTA, JP
[72] KANZAKI, NORIYUKI, JP
[72] MACHIDA, SHUICHI, JP
[71] SUNTORY HOLDINGS LIMITED, JP
[85] 2017-10-12
[86] 2016-04-22 (PCT/JP2016/062700)
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[51] **Int.Cl. E21B 33/12 (2006.01) E21B 23/06 (2006.01) E21B 43/04 (2006.01) E21B 43/08 (2006.01)**
[25] EN
[54] **OUTFLOW CONTROL DEVICE FOR CREATING A PACKER**
[54] **DISPOSITIF DE COMMANDE D'ECOULEMENT DE SORTIE POUR LA CREATION D'UNE GARNITURE D'ETANCHEITE**
[72] MURPHREE, ZACHARY RYAN, US
[72] FRIPP, MICHAEL LINLEY, US
[72] FROSELL, THOMAS JULES, US
[71] HALLIBURTON ENERGY SERVICES, INC., US
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[25] EN
[54] **AN IMPROVED TOOTHBRUSH**
[54] **BROSSE A DENTS AMELIOREE**
[72] DIAMOND, DAVID, IE
[71] GLAXOSMITHKLINE COMSUMER HEALTHCARE UK (IP) LIMITED, GB
[85] 2017-10-12
[86] 2016-04-15 (PCT/EP2016/058444)
[87] (WO2016/166342)
[30] IE (S2015/0104) 2015-04-15

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[51] **Int.Cl. G01D 11/30 (2006.01)**
[25] EN
[54] **SENSOR MOUNT**
[54] **BASE POUR CAPTEUR**
[72] SEDORY, SAMUEL R.E., US
[71] WASTEQUIP, LLC, US
[85] 2017-10-12
[86] 2015-12-18 (PCT/US2015/066600)
[87] (WO2016/100783)
[30] US (14/575,534) 2014-12-18

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[51] **Int.Cl. B21H 8/00 (2006.01) B21D 13/04 (2006.01) B21D 22/08 (2006.01) B21D 28/36 (2006.01)**
[25] EN
[54] **METHOD AND DEVICE FOR MANUFACTURING PLATE PARTS FOR A HEAT EXCHANGER**
[54] **PROCEDE ET DISPOSITIF PERMETTANT LA FABRICATION DE PLAQUES POUR UN ECHANGEUR DE CHALEUR**
[72] KONTU, MAURI, FI
[72] PITKANEN, PAAVO, FI
[71] VAHTERUS OY, FI
[85] 2017-10-13
[86] 2016-04-11 (PCT/FI2016/050232)
[87] (WO2016/166411)
[30] FI (20155287) 2015-04-17

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[51] **Int.Cl. C07K 16/28 (2006.01)**
[25] EN
[54] **ANTI-TYRO3 ANTIBODIES AND USES THEREOF**
[54] **ANTICORPS ANTI-TYRO3 ET LEURS UTILISATIONS**
[72] DUONG, VANESSA, FR
[72] MENGUY, THIERRY, FR
[72] HAEGEL, HELENE, FR
[72] RADVANYI, FRANCOIS, FR
[72] BERNARD-PIERROT, ISABELLE, FR
[72] DUFOUR, FLORENT, FR
[71] ELSALYS BIOTECH, FR
[71] CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE, FR
[71] INSTITUT CURIE, FR
[85] 2017-10-12
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[87] (WO2016/166348)
[30] EP (15305581.9) 2015-04-17

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[25] EN
[54] **3-(1H-BENZIMIDAZOL-2-YL)-1H-PYRIDIN-2-ONE DERIVATIVES**
[54] **DERIVES DE 3-(1H-BENZIMIDAZOL-2-YL)-1H-PYRIDIN-2-ONE**
[72] DORSCH, DIETER, DE
[72] JONCZYK, ALFRED, DE
[72] KRIER, MIREILLE, DE
[71] MERCK PATENT GMBH, DE
[85] 2017-10-13
[86] 2016-03-22 (PCT/EP2016/000495)
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[51] **Int.Cl. A61B 17/88 (2006.01) A61B 17/70 (2006.01)**
[25] EN
[54] **SYSTEM, DEVICE AND METHOD FOR DELIVERY OF BIOMATERIALS FOR FRACTURE FIXATION**
[54] **SYSTEME, DISPOSITIF ET PROCEDE D'ADMINISTRATION DE BIOMATERIAUX POUR FIXATION DE FRACTURE**
[72] INSLEY, GERARD MICHAEL, IE
[72] MADDEN, KEVIN DAVID, IE
[72] RUSSELL, DAVID, IE
[72] PROCTER, PHILIP, FR
[72] O' SULLIVAN, CAROL, IE
[72] MURRAY, KIERAN, IE
[71] CELGENTEK LIMITED, IE
[85] 2017-10-12
[86] 2016-04-15 (PCT/EP2016/058461)
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[30] US (62/147,718) 2015-04-15

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[13] A1
[51] **Int.Cl. B60K 1/00 (2006.01) B60K 8/00 (2006.01) B60K 1/04 (2006.01)**
[25] EN
[54] **POWER SUPPLY UNIT, COMBINATION OF A POWER SUPPLY UNIT OF THIS KIND WITH A FURTHER FUNCTIONAL UNIT, AND HEAVY ROAD VEHICLE**
[54] **UNITE D'ALIMENTATION EN ENERGIE, COMBINAISON D'UNE TELLE UNITE D'ALIMENTATION EN ENERGIE AVEC UNE AUTRE UNITE FONCTIONNELLE ET POIDS LOURD**
[72] HAFELE, HORST, DE
[72] PFARR, GABOR, DE
[71] GOLDHOFER AG, DE
[85] 2017-10-12
[86] 2016-04-22 (PCT/EP2016/059033)
[87] (WO2016/170125)
[30] DE (10 2015 207 427.7) 2015-04-23

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[51] **Int.Cl. C01B 39/02 (2006.01) B01J 29/70 (2006.01) B01J 29/72 (2006.01) C01B 39/48 (2006.01)**
[25] EN
[54] **METHOD FOR THE DIRECT SYNTHESIS OF CU-CONTAINING SILICOALUMINATE MATERIAL WITH THE AEI ZEOLITE STRUCTURE, AND THE CATALYTIC APPLICATIONS THEREOF**
[54] **PROCEDE POUR LA SYNTHESE DIRECTE D'UN MATERIAU DE TYPE ALUMINOSILICATE CONTENANT DU CU AVEC LA STRUCTURE ZEOLITIQUE AEI ET SES APPLICATIONS CATALYTIQUES**
[72] CORMA CANOS, AVELINO, ES
[72] MOLINER MARIN, MANUEL, ES
[72] MARTIN GARCIA, NURIA, ES
[71] CONSEJO SUPERIOR DE INVESTIGACIONES CIENTIFICAS (CSIC), ES
[71] UNIVERSITAT POLITECNICA DE VALENCIA, ES
[85] 2017-10-13
[86] 2016-04-14 (PCT/EP2016/058278)
[87] (WO2016/166247)
[30] ES (P 201530513) 2015-04-16

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[13] A1
[51] **Int.Cl. A22B 7/00 (2006.01) A22C 9/00 (2006.01)**
[25] EN
[54] **MEAT PROCESSING METHOD AND APPARATUS**
[54] **PROCEDE ET APPAREIL DE TRAITEMENT DE VIANDE**
[72] MCDONNELL, DECLAN ARTHUR, IE
[71] DEVRONE, IS
[85] 2017-10-13
[86] 2016-02-26 (PCT/EP2016/054138)
[87] (WO2016/177487)
[30] IE (2015/0138) 2015-05-05

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[51] **Int.Cl. A61H 33/14 (2006.01) B01F 3/04 (2006.01)**
[25] EN
[54] **NITRIC OXIDE (NO) ACCUMULATION APPARATUS**
[54] **APPAREIL POUR L'ACCUMULATION D'OXYDE NITRIQUE (NO)**
[72] ERMATOV, ARTHUR, DE
[72] HEMMRICH, KARSTEN, DE
[72] ARSHI, ANNAHIT, DE
[72] SCHULZE, CHRISTIAN, DE
[71] BSN MEDICAL GMBH, DE
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[86] 2016-04-15 (PCT/EP2016/058454)
[87] (WO2016/166347)
[30] EP (15163881.4) 2015-04-16

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[51] **Int.Cl. A61M 16/16 (2006.01) A61M 16/08 (2006.01) A61M 16/10 (2006.01)**
[25] EN
[54] **MOISTURE REMOVAL AND CONDENSATION AND HUMIDITY MANAGEMENT APPARATUS FOR A BREATHING CIRCUIT**
[54] **APPAREIL D'ELIMINATION D'HUMIDITE ET DE CONDENSATION ET DE GESTION D'HUMIDITE POUR UN CIRCUIT DE RESPIRATION**
[72] LOREK, JAMES, US
[72] DWYER, DANIEL PATRICK, US
[71] TELEFLEX MEDICAL INCORPORATED, US
[85] 2017-10-12
[86] 2016-04-15 (PCT/US2016/027682)
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[30] US (62/148,077) 2015-04-15

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[51] **Int.Cl. C08G 18/54 (2006.01) B22C 1/22 (2006.01) C08K 5/101 (2006.01) C08L 61/06 (2006.01)**
[25] EN
[54] **PHENOLIC RESIN COMPOSITION FOR USE IN THE POLYURETHANE COLD-BOX AND/OR NO-BAKE PROCESS AND CORRESPONDING TWO-COMPONENT BINDER SYSTEMS, USES, AND PROCESSES**
[54] **COMPOSITION DE RESINE PHENOLIQUE POUR UNE UTILISATION DANS LE PROCEDE BOITE FROIDE DE POLYURETHANE ET/OU LE PROCEDE DURCISSANT A FROID ET SYSTEMES DE LIANT A DEUX COMPOSANTS CORRESPONDANTS, APPLICATIONS ET PROCEDE**
[72] VARGAS, MANUEL, FR
[72] LO, TUNG-FAI, FR
[71] HUTTENES ALBERTUS FRANCE, FR
[85] 2017-10-13
[86] 2016-03-21 (PCT/EP2016/056120)
[87] (WO2016/165916)
[30] EP (15305547.0) 2015-04-14

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[13] A1
[51] **Int.Cl. C07K 16/28 (2006.01) C07K 16/46 (2006.01)**
[25] EN
[54] **BISPECIFIC ANTIBODY CONSTRUCTS FOR CDH3 AND CD3**
[54] **CONSTRUCTIONS D'ANTICORPS BISPECIFIQUES POUR CDH3 ET CD3**
[72] WEISS, BERTRAM, DE
[72] FRISK, ANN-LENA, DE
[72] ZIERZ, RUPRECHT, DE
[72] KUPFER, PETER, DE
[72] RAUM, TOBIAS, DE
[72] RAU, DORIS, DE
[72] ANLAHR, JONAS, DE
[72] LUTTERBUSE, RALF, DE
[72] NAHRWOLD, LISA, DE
[72] DAHLHOFF, CHRISTOPH, DE
[72] BLUMEL, CLAUDIA, DE
[72] HOFFMANN, PATRICK, DE
[71] AMGEN RESEARCH (MUNICH) GMBH, DE
[85] 2017-10-13
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[25] EN
[54] **FIRE PROTECTION SLEEVE**
[54] **COLLIER COUPE-FEU**
[72] MUNZENBERGER, HERBERT, DE
[71] HILTI AKTIENGESELLSCHAFT, LI
[85] 2017-10-13
[86] 2016-04-27 (PCT/EP2016/059348)
[87] (WO2016/174057)
[30] EP (15165188.2) 2015-04-27

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[13] A1
[51] **Int.Cl. A61M 16/04 (2006.01) A61M 16/00 (2006.01)**
[25] EN
[54] **DEVICE FOR FACILITATING THE ADMINISTRATION OF A MEDICAMENT TO THE LUNG BY A CATHETER**
[54] **DISPOSITIF PERMETTANT DE FACILITER L'ADMINISTRATION D'UN MEDICAMENT AUX POUMONS PAR L'INTERMEDIAIRE D'UN CATHETER**
[72] DELLACA', RAFFAELE, IT
[72] MILESI, ILARIA, IT
[72] ZANNIN, EMANUELA, IT
[71] CHIESI FARMACEUTICI S.P.A., IT
[85] 2017-10-13
[86] 2016-04-27 (PCT/EP2016/059422)
[87] (WO2016/174098)
[30] EP (PCT/EP2015/059251) 2015-04-28
[30] EP (15196231.3) 2015-11-25

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[51] **Int.Cl. B01D 53/14 (2006.01) C10L 3/10 (2006.01)**
[25] EN
[54] **REMOVAL OF AROMATIC HYDROCARBONS FROM LEAN ACID GAS FEED FOR SULFUR RECOVERY**
[54] **ELIMINATION D'HYDROCARBURES AROMATIQUES A PARTIR D'UNE CHARGE DE GAZ ACIDE PAUVRE POUR RECUPERATION DE SOUFRE**
[72] FILLATRE, EMILE, FR
[72] PERDU, GAUTHIER, FR
[72] MARES, BENOIT, FR
[71] PROSERNAT, FR
[85] 2017-10-13
[86] 2016-04-28 (PCT/EP2016/059461)
[87] (WO2016/174120)
[30] EP (15305667.6) 2015-04-30
[30] US (14/700 974) 2015-04-30

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[13] A1
[51] **Int.Cl. B65G 47/88 (2006.01) B65G 15/12 (2006.01) B65G 21/10 (2006.01)**
[25] EN
[54] **TRANSPORTER HAVING PARALLEL AND HEIGHT-ADJUSTABLE TRANSPORTING DEVICES**
[54] **TRANSPORTEUR A DISPOSITIFS DE TRANSPORT PARALLELES ET REGLABLES EN HAUTEUR**
[72] HEUFT, BERNHARD, DE
[71] HEUFT SYSTEMTECHNIK GMBH, DE
[85] 2017-10-13
[86] 2016-05-02 (PCT/EP2016/059790)
[87] (WO2016/174270)
[30] DE (10 2015 005 617.4) 2015-04-30

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[13] A1
[51] **Int.Cl. B65G 47/88 (2006.01)**
[25] EN
[54] **TRANSPORTER HAVING A TILTABLE WEB**
[54] **TRANSPORTEUR A LAMELLE BASCULANTE**
[72] HEUFT, BERNHARD, DE
[71] HEUFT SYSTEMTECHNIK GMBH, DE
[85] 2017-10-13
[86] 2016-05-02 (PCT/EP2016/059797)
[87] (WO2016/174273)
[30] DE (10 2015 005 508.9) 2015-04-30

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[13] A1
[51] **Int.Cl. C23C 24/04 (2006.01) B33Y 10/00 (2015.01) B33Y 30/00 (2015.01) B22F 3/105 (2006.01)**
[25] EN
[54] **METHOD FOR MANUFACTURING A COMPONENT BY THERMAL SPRAYING AND INSTALLATION FOR MANUFACTURING A COMPONENT WITH A DEVICE FOR THERMAL SPRAYING**
[54] **PROCEDE POUR LA FABRICATION D'UN ELEMENT PAR PULVERISATION THERMIQUE ET INSTALLATION POUR LA FABRICATION D'UN ELEMENT AU MOYEN D'UN DISPOSITIF POUR LA PULVERISATION THERMIQUE**
[72] HOFACKER, OLIVER, DE
[72] KRUGER, URSUS, DE
[71] SIEMENS AKTIENGESELLSCHAFT, DE
[85] 2017-10-13
[86] 2016-03-30 (PCT/EP2016/056886)
[87] (WO2016/165938)
[30] DE (10 2015 206 892.7) 2015-04-16

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[13] A1
[51] **Int.Cl. E21B 21/08 (2006.01)**
[25] EN
[54] **RISER PRESSURE RELIEF APPARATUS**
[54] **APPAREIL DE DETENTE DE PRESSION DE COLONNE MONTANTE**
[72] MACGREGOR, ALEXANDER JOHN, GB
[72] LEUCHTENBERG, CHRISTIAN, SG
[72] PICCOLO, BRIAN, SG
[72] PINKSTONE, HENRY, SG
[72] GARLICK, BRUCE, US
[71] MANAGED PRESSURE OPERATIONS PTE. LTD., SG
[85] 2017-10-13
[86] 2016-04-13 (PCT/GB2016/051035)
[87] (WO2016/166533)
[30] GB (1506318.3) 2015-04-14

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[13] A1
[51] **Int.Cl. A23G 9/32 (2006.01) A23G 9/34 (2006.01)**
[25] EN
[54] **COMPOSITION FOR COATING FROZEN CONFECTIONERY AND A PROCESS FOR MANUFACTURING SAME**
[54] **COMPOSITION POUR ENROBER DE LA CONFISERIE CONGELEE ET UN PROCEDE DE FABRICATION DE CELLE-CI**
[72] WEBERING, CHRISTEL, GB
[72] SMIRNOVA, OLGA, GB
[72] CHANDRASEKARAN, SHANTHA NALUR, GB
[71] NESTEC S.A., CH
[85] 2017-10-13
[86] 2016-04-12 (PCT/EP2016/057950)
[87] (WO2016/166069)
[30] EP (15164105.7) 2015-04-17

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[13] A1
[51] **Int.Cl. F42C 1/00 (2006.01) F42C 19/07 (2006.01)**
[25] FR
[54] **IMPACT-DETECTION DEVICE, IN PARTICULAR FOR A MISSILE**
[54] **DISPOSITIF DE DETECTION D'IMPACT, EN PARTICULIER POUR MISSILE**
[72] GREINER, BERNARD, FR
[72] LOOSFELD, MATHIEU, FR
[72] TASTETS, KEVIN, FR
[71] MBDA FRANCE, FR
[85] 2017-10-13
[86] 2016-04-12 (PCT/FR2016/000073)
[87] (WO2016/170235)
[30] FR (1500818) 2015-04-20

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[13] A1
[51] **Int.Cl. H05K 3/34 (2006.01)**
[25] EN
[54] **SPECIAL ELECTRIC COMPONENT, PRINTED CIRCUIT BOARD ASSEMBLY, AND METHOD OF MANUFACTURING AN ELECTRIC APPLIANCE**
[54] **COMPOSANT ELECTRIQUE SPECIAL, ENSEMBLE CARTE DE CIRCUIT IMPRIME, ET PROCEDE DE FABRICATION D'UN APPAREIL ELECTRIQUE**
[72] ELLSAESSER, CHRISTIAN, DE
[71] BRAUN GMBH, DE
[85] 2017-10-13
[86] 2016-04-12 (PCT/IB2016/052076)
[87] (WO2016/170449)
[30] EP (15164470.5) 2015-04-21

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[13] A1
[51] **Int.Cl. A61K 38/20 (2006.01) C12N 15/74 (2006.01)**
[25] EN
[54] **LACTOCOCCUS LACTIS PRODUCING TSLP OR IL-25 AND THEIR USES AS PROBIOTICS AND THERAPEUTICS**
[54] **LACTOCOCCUS LACTIS PRODUISANT DE LA TSLP OU DE L'IL-25 ET LEURS UTILISATIONS COMME PROBIOTIQUES ET AGENTS THERAPEUTIQUES**
[72] LANGELLA, PHILIPPE, FR
[72] CHATEL, JEAN-MARC, FR
[72] BERMUDEZ-HUMARAN, LUIS, FR
[72] AUBRY, CAMILLE, FR
[72] GOFFIN, LAURENCE, FR
[72] FAVRE-ZIMMERLI, SIMONE, US
[72] CHVATCHKO, YOLANDE, CH
[71] ARES TRADING S.A., CH
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[54] **APPARATUS AND METHOD FOR SAFEGUARDING USERS DURING USE OF APPARATUS HAVING AT LEAST A PART IN MOTION**
[54] **APPAREIL ET PROCEDE POUR PROTEGER DES UTILISATEURS PENDANT L'UTILISATION D'UN APPAREIL AYANT AU MOINS UNE PARTIE EN MOUVEMENT**
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[71] FUTURE SMART S.R.L., IT
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[54] **NOVEL SULFONIMIDOYLPURINONE COMPOUNDS AND DERIVATIVES FOR THE TREATMENT AND PROPHYLAXIS OF VIRUS INFECTION**
[54] **NOUVEAUX COMPOSES SULFONIMIDOYLPURINONE ET DERIVES POUR LE TRAITEMENT ET LA PROPHYLAXIE D'INFECTION VIRALE**
[72] LIANG, CHUNGEN, CN
[72] MIAO, KUN, CN
[72] WANG, JIANPING, CN
[72] YUN, HONGYING, CN
[72] ZHENG, XIUFANG, CN
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[54] **METHOD FOR PRODUCING A PEA EXTRACT**
[54] **PROCEDE DE PREPARATION D'UN EXTRAIT DE POIS**
[72] MARZEC, VERONIQUE, FR
[72] BOURGEOIS, AUDREY, FR
[72] LEBESGUE, JULIE, FR
[72] MANSY, FREDERIC, BE
[72] BOSLY, ERIC, BE
[72] GRAMAIN, ANTHONY, FR
[72] DESCAMPS, MARY, BE
[71] COSUCRA GROUPE WARCOING S.A., BE
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[54] **PROCEDE AUTOMATISABLE POUR L'ISOLEMENT D'ACIDES NUCLEIQUES**
[72] MEERSSEMAN, GEERT, BE
[72] DECANNIERE, KLAAS, BE
[71] BIOCARTIS N.V., BE
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[54] **COMPOSES DE BENZOXAZEPINE OXAZOLIDINONE ET LEURS PROCEDES D'UTILISATION**
[72] BRAUN, MARIE-GABRIELLE, US
[72] ELLIOTT, RICHARD, GB
[72] HANAN, EMILY, US
[72] HEALD, ROBERT ANDREW, GB
[72] MACLEOD, CALUM, GB
[72] STABEN, STEVEN T., US
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[54] **DETECTION D'ACTIVITE DANS LES NERFS PERIPHERIQUES**
[72] HOLDER, DAVID, GB
[72] ARISTOVICH, KIRILL, GB
[71] UCL BUSINESS PLC, GB
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[54] **SYSTEME DE DETERMINATION DE TARIFS POUR SERVICE D'ORGANISATION DE TRANSPORTS A LA DEMANDE**
[72] GODIL, HASRAT, US
[71] UBER TECHNOLOGIES, INC., US
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[54] **HOUSING CAGE FOR LABORATORY ANIMALS**
[54] **CAGE D'ELEVAGE POUR ANIMAUX DE LABORATOIRE**
[72] BERNARDINI, PIETRO, IT
[71] TECNIPLAST S.P.A., IT
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[25] EN
[54] **METHOD AND NETWORK NODE FOR CALCULATING TRANSMITTER PRECODING WEIGHTS AND RECEIVER COMBINING WEIGHTS FOR A MIMO ANTENNA SYSTEM**
[54] **PROCEDE ET N□UD DE RESEAU POUR CALCULER DES POIDS DE PRECODAGE D'EMETTEUR ET POIDS DE COMBINAISON DE RECEPTEUR POUR UN SYSTEME D'ANTENNE MIMO**
[72] AHMED OUAMEUR, MESSAOUD, CA
[71] NUTAQ INNOVATION INC., CA
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[54] **PERSONAL HYGIENE DEVICE WITH TREATMENT FORCE MEASUREMENT UNIT**
[54] **DISPOSITIF D'HYGIENE CORPORELLE DOTE D'UNE UNITE DE MESURE DE FORCE DE TRAITEMENT**
[72] SCHEELE, JANNIK, DE
[72] HAAS, MARTIN, DE
[72] SCHAEFER, NORBERT, DE
[72] FRANKE, SVEN ALEXANDER, DE
[72] SCHAEFER, ROBERT, DE
[72] SCHOBER, UWE, DE
[72] ZIEGLER, FRANK, DE
[72] VETTER, INGO, DE
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[54] **APPARATUS FOR THE PRODUCTION OF TUBE BLISTER PACKAGES**
[54] **DISPOSITIF POUR LA FABRICATION DE BLISTERS TUBULAIRES**
[72] HELLENBRAND, CHRISTOPH, DE
[71] BECTON DICKINSON ROWA GERMANY GMBH, DE
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[72] HANDEREK, VINCENT, GB
[71] FOTECH SOLUTIONS LIMITED, GB
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[54] **METHOD FOR RECOVERING RARE EARTH ELEMENTS**
[54] **PROCEDE POUR RECUPERER DES ELEMENTS DES TERRES RARES**
[72] YAMASHITA, MITSUO, JP
[71] SHIBAURA INSTITUTE OF TECHNOLOGY, JP
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[54] **MELANGES DE POLYCARBONATE D'ALKYLENE ET DE POLYHYDROXYALCANOATE**
[72] MARIN PERALES, LAURA, ES
[72] SEGURA FERNANDEZ, SONIA, ES
[72] GARCIA RUIZ, MONICA, ES
[72] ARANDILLA, BORJA, ES
[72] RUIZ ORTA, CAROLINA, ES
[72] PARIS, RODRIGO, ES
[71] REPSOL, S.A., ES
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[54] **DISPOSITIF MECATRONIQUE NON INVASIF FOURNISSANT LA MOBILITE DE L'ARTICULATION AU MOYEN DE SIGNAUX EEG ET EMG**
[72] RODRIGUEZ LEAL, ERNESTO, MX
[72] PINA MARTINEZ, EDUARDO, MX
[72] ROBERTS UGRINOVIC, RICARDO ESTEBAN, MX
[71] INSTITUTO TECNOLOGICO Y DE ESTUDIOS SUPERIORES DE MONTERREY, MX
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[54] **OXIDE FILM REMOVING METHOD**
[54] **PROCEDE DE RETRAIT DE FILM D'OXYDE**
[72] SASAKI, WATARU, JP
[72] TAMURA, TOMOKO, JP
[72] HIRAMATSU, NORIYUKI, JP
[72] MORII, OSAMU, JP
[71] MITSUBISHI HEAVY INDUSTRIES AERO ENGINES, LTD., JP
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[54] **CABLE A FIBRE OPTIQUE**
[72] OHNO, MASATOSHI, JP
[72] TAKEDA, DAIKI, JP
[72] OSATO, KEN, JP
[71] FUJIKURA LTD., JP
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[54] **VEHICLE TRANSMISSION CONTROL DEVICE**
[54] **DISPOSITIF DE COMMANDE DE CHANGEMENT DE VITESSE DE VEHICULE**
[72] TOYOTA, RYOHEY, JP
[72] KOGA, MASATO, JP
[71] NISSAN MOTOR CO., LTD., JP
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[54] **DETECTING AN INACCURATE FLOW RATE MEASUREMENT BY A VIBRATORY METER**
[54] **DETECTION D'UNE MESURE DE DEBIT D'ECOULEMENT INEXACTE PAR UN DISPOSITIF DE MESURE A VIBRATIONS**
[72] ZIMMER, PATRICK JOHN, US
[72] RIGGINS, CRAIG ANDREW, US
[71] MICRO MOTION, INC., US
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[54] **UNITE DE TRAITEMENT DE CONTAMINATION PAR DES HYDROCARBURES**
[72] TAGGE, MICHAEL, CO
[72] REDFERN, KEVIN, US
[71] HALLIBURTON ENERGY SERVICES, INC., US
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[25] EN
[54] **VEHICLE VENTILATION SYSTEM**
[54] **SYSTEME DE VENTILATION DE VEHICULE (ET VARIANTES)**
[72] KIRPICHNIKOV, ALEXEI PETROVICH, RU
[72] KOVALCHUK, ROMAN SERGEEVICH, RU
[71] OBSCHESTVO S OGRANICHENNOI OTVETSTVENNOSTIYU "AUTEX LTD.", RU
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[25] EN
[54] **METHOD AND DEVICE FOR RENDERING VIDEO CONTENT ON A DISPLAY**
[54] **PROCEDE ET DISPOSITIF POUR RESTITUER UN CONTENU VIDEO SUR UN DISPOSITIF D'AFFICHAGE**
[72] MILTON, OSKAR, SE
[72] BROLIN, EMIL, SE
[71] ADTOOX AB, SE
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[54] **THIN CORROSION PROTECTIVE COATINGS INCORPORATING POLYAMIDOAMINE POLYMERS**
[54] **REVETEMENTS PROTECTEURS MINCES CONTRE LA CORROSION INCORPORANT DES POLYMERES DE POLYAMIDOAMINE**
[72] VONK, DONALD ROBB, US
[72] SMITH, THOMAS SULLIVAN, II, US
[72] BOBADILLA, ALVARO, US
[71] HENKEL AG & CO. KGAA, DE
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[54] **NITRILE RUBBER GLOVE WITH STRETCH MODIFIER**
[54] **GANT EN CAOUTCHOUC NITRILE A MODIFICATEUR D'ETIREMENT**
[72] INTHASARO, JUMNONG, US
[71] AVENT, INC., US
[85] 2017-10-13
[86] 2016-03-28 (PCT/US2016/024425)
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[25] EN
[54] **METHODS FOR DETERMINING GAS EXTRACTION EFFICIENCY FROM A DRILLING FLUID**
[54] **PROCEDES POUR LA DETERMINATION DE L'EFFICACITE DE L'EXTRACTION DE GAZ A PARTIR D'UN FLUIDE DE FORAGE**
[72] ROWE, MATHEW DENNIS, US
[71] HALLIBURTON ENERGY SERVICES, INC., US
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[25] EN
[54] **DEVICE FOR CONTROLLING STARTING OF ELECTRICALLY DRIVEN VEHICLE**
[54] **DISPOSITIF DESTINE A CONTROLER LE DEMARRAGE D'UN VEHICULE ENTRAINE ELECTRIQUEMENT**
[72] TSUKIZAKI, ATSUSHI, JP
[72] KOGA, MASATO, JP
[72] FUKUDA, HIROYUKI, JP
[72] TOYOTA, RYOHEY, JP
[71] NISSAN MOTOR CO., LTD., JP
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[25] EN
[54] **MOUNTING ARRANGEMENT FOR INSTALLING AUXILIARY VEHICLE WHEELS**
[54] **AGENCEMENT DE MONTAGE POUR INSTALLER DES ROUES DE VEHICULE AUXILIAIRES**
[72] NIEMCZYK, ANDREW, US
[71] NIEMCZYK, ANDREW, US
[85] 2017-10-13
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[54] **EMERGENCY DIMMING APPARATUS**
[54] **APPAREIL DE GRADATION D'URGENCE**
[72] GARBOWICZ, GLENN D., US
[72] BLANCO, EDVIN G., US
[72] BANDEL, MICHAEL W., US
[71] HUBBELL INCORPORATED, US
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[25] EN
[54] **STROLLER-ATTACHABLE SKATEBOARD APPARATUS**
[54] **APPAREIL DE PLANCHE A ROULETTES POUVANT ETRE FIXE A UNE POUSSETTE**
[72] MCKAY, TRAVIS, US
[71] MCKAY, TRAVIS, US
[85] 2017-10-13
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[30] US (14/687,897) 2015-04-15

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[51] **Int.Cl. C12M 1/00 (2006.01) B82Y 15/00 (2011.01) C12M 3/04 (2006.01)**
[25] EN
[54] **MICROFLUIDIC DEVICE HAVING OFFSET, HIGH-SHEAR SEEDING CHANNELS**
[54] **DISPOSITIF MICROFLUIDIQUE DOTE DE CANAUX D'ENSEMENCEMENT A CISAILLEMENT ELEVE DECALES ENTRE EUX**
[72] DOMANSKY, KAREL, US
[72] HINOJOSA, CHRISTOPHER DAVID, US
[72] INGBER, DONALD E., US
[72] LEVNER, DANIEL, US
[72] THOMPSON, GUY, II, US
[71] PRESIDENT AND FELLOWS OF HARVARD COLLEGE, US
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[54] **LUMINAIRE HOUSING**
[54] **BOITIER DE LUMINAIRE**
[72] DUCKWORTH, JASON E., US
[72] ELMORE, MARK V., US
[72] HODGES, DOUGLAS S., US
[71] HUBBELL INCORPORATED, US
[85] 2017-10-13
[86] 2016-04-12 (PCT/US2016/027067)
[87] (WO2016/168165)
[30] US (62/148,118) 2015-04-15
[30] US (14/984,827) 2015-12-30

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[51] **Int.Cl. F02D 41/06 (2006.01) F02D 41/34 (2006.01) F02P 5/15 (2006.01)**
[25] EN
[54] **ENGINE CONTROL DEVICE AND ENGINE CONTROL METHOD**
[54] **DISPOSITIF DE COMMANDE DE MOTEUR ET PROCEDE DE COMMANDE DE MOTEUR**
[72] IMAOKA, YOSHIHIRO, JP
[72] TSUYUKI, TAKESHI, JP
[72] INOUE, TAKAO, JP
[71] NISSAN MOTOR CO., LTD., JP
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[86] 2015-04-14 (PCT/JP2015/061497)
[87] (WO2016/166818)

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[54] **METHOD AND APPARATUS FOR WIRELESS DATA TRANSMISSION SUBJECT TO PERIODIC SIGNAL BLOCKAGES**
[54] **PROCEDE ET APPAREIL DE TRANSMISSION DE DONNEES SANS FIL SOUMIS A DES BLOCAGES DE SIGNAL PERIODIQUES**
[72] EROZ, MUSTAFA, US
[72] LEE, LIN-NAN, US
[71] HUGHES NETWORK SYSTEMS, LLC, US
[85] 2017-10-13
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[54] **TRANSMISSION APPARATUS AND TRANSMISSION METHOD OF RESOURCE ASSIGNMENT INFORMATION**
[54] **APPAREIL DE TRANSMISSION ET PROCEDE DE TRANSMISSION D'INFORMATION D'ATTRIBUTION DE RESSOURCES**
[72] HUANG, LEI, SG
[72] SIM, HONG CHENG MICHAEL, SG
[72] URABE, YOSHIO, JP
[72] YOSHII, ISAMU, JP
[71] PANASONIC INTELLECTUAL PROPERTY MANAGEMENT CO., LTD., JP
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[54] **OPEN TICKET PAYMENT HANDLING WITH OFFLINE MODE**
[54] **GESTION DE PAIEMENT DE BILLET OUVERT AVEC MODE HORS LIGNE**
[72] RENKE, CHRISTOPHER PHILIP, US
[72] WHITE, MICHAEL WELLS, US
[72] MULLER, ERIC DICKESON, US
[72] WILSON, MATHEW, US
[71] SQUARE, INC., US
[85] 2017-10-13
[86] 2016-04-13 (PCT/US2016/027288)
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[25] EN
[54] **HOT MELT ADHESIVES AND USES THEREOF**
[54] **ADHESIFS THERMOFUSIBLES ET UTILISATIONS ASSOCIEES**
[72] DEJESUS, MARIA CRISTINA BARBOSA, US
[72] PAUL, CHARLES W., US
[72] ALEXIS, VALERIE, US
[72] SHAH, GEETANJALIBEN, US
[71] HENKEL IP & HOLDING GMBH, DE
[85] 2017-10-13
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[25] EN
[54] **AN IMPROVED METHOD FOR PARI-MUTUEL WAGERING**
[54] **PROCEDE AMELIORE DE MISES DE PARI MUTUEL**
[72] KEECH, STEVEN, US
[71] PARI.MAX HOLDINGS, LLC, US
[85] 2017-10-13
[86] 2016-04-06 (PCT/US2016/026184)
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[54] **SYSTEMS AND METHODS FOR DETERMINING VALUATION DATA FOR A LOCATION OF INTEREST**
[54] **SYSTEMES ET PROCEDES PERMETTANT DE DETERMINER DES DONNEES D'EVALUATION POUR UN EMPLACEMENT D'INTERET**
[72] GHOSH, DEBASHIS, US
[72] BHATTACHARJEE, MANASH, US
[72] SHUKEN, RANDY, US
[71] MASTERCARD INTERNATIONAL INCORPORATED, US
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[25] EN
[54] **SYSTEMS AND METHODS FOR PRODUCING SCATTERING SELECTED WAVELENGTHS OF ELECTROMAGNETIC ENERGY**
[54] **SYSTEMES ET PROCEDES DE PRODUCTION DE LONGUEURS D'ONDE SELECTIONNEES DE DIFFUSION D'ENERGIE ELECTROMAGNETIQUE**
[72] BOYD, CLARK D., US
[72] FACE, BRADBURY R., US
[72] SHEPARD, JEFFREY D., US
[71] FACE INTERNATIONAL CORPORATION, US
[85] 2017-10-13
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[25] EN
[54] **SYSTEMS AND METHODS FOR PRODUCING OBJECTS INCORPORATING SELECTABLY ACTIVE ELECTROMAGNETIC ENERGY FILTERING LAYERS**
[54] **SYSTEMES ET PROCEDES DE PRODUCTION D'OBJETS INTEGRANT DES COUCHES ACTIVES SELECTIVEMENT DE FILTRAGE D'ENERGIE ELECTROMAGNETIQUE**
[72] BOYD, CLARK D., US
[72] FACE, BRADBURY R., US
[72] SHEPARD, JEFFREY D., US
[71] FACE INTERNATIONAL CORPORATION, US
[85] 2017-10-13
[86] 2016-04-14 (PCT/US2016/027394)
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[54] **A SYSTEM, METHOD, AND APPARATUS FOR A DYNAMIC TRANSACTION CARD**
[54] **SYSTEME, PROCEDE, ET APPAREIL POUR CARTE DE TRANSACTION DYNAMIQUE**
[72] ZARAKAS, JAMES, US
[72] MARKSON, THEODORE, US
[72] KOEPPEL, ADAM, US
[72] KELLY, KEVIN, US
[72] BRIGGMAN, BRIAN, US
[72] SANGI, SALEEM, US
[72] WURMFELD, DAVID, US
[72] LOCKE, TYLER, US
[72] ESCALANTE, KARLA, US
[71] CAPITAL ONE SERVICES, LLC, US
[85] 2017-10-13
[86] 2016-04-14 (PCT/US2016/027415)
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[25] EN
[54] **A SYSTEM, METHOD, AND APPARATUS FOR A DYNAMIC TRANSACTION CARD**
[54] **SYSTEME, PROCEDE ET APPAREIL POUR CARTE DYNAMIQUE DE TRANSACTIONS**
[72] WURMFELD, DAVID, US
[72] LOCKE, TYLER, US
[71] CAPITAL ONE SERVICES, LLC, US
[85] 2017-10-13
[86] 2016-04-14 (PCT/US2016/027425)
[87] (WO2016/168398)
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[54] **DYNAMIC TRANSACTION CARD OPTIMIZATION**
[54] **OPTIMISATION DE CARTE DE TRANSACTION DYNAMIQUE**
[72] ZARAKAS, JAMES, US
[72] YORK, BRENNON, US
[71] CAPITAL ONE SERVICES, LLC, US
[85] 2017-10-13
[86] 2016-04-14 (PCT/US2016/027443)
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[54] **AUTOMATED BLUETOOTH PAIRING**
[54] **APPARIEMENT BLUETOOTH AUTOMATISE**
[72] ZARAKAS, JAMES, US
[72] SANGI, SALEEM, US
[71] CAPITAL ONE SERVICES, LLC, US
[85] 2017-10-13
[86] 2016-04-14 (PCT/US2016/027449)
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[54] **METHODS FOR TREATING LYSOSOMAL STORAGE DISORDERS**
[54] **METHODES DE TRAITEMENT DES TROUBLES DU STOCKAGE LYSOSOMAL**
[72] POST, LEONARD, US
[72] CRAWFORD, BRETT E., US
[72] BHAGWAT, SHRIPAD, US
[71] BIOMARIN PHARMACEUTICAL INC., US
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[54] **DEVICES AND METHODS FOR STYLING HAIR**
[54] **DISPOSITIFS ET PROCEDES DE COIFFURE**
[72] BROWN, TARA, US
[71] THE SLEEP STYLER LLC, US
[85] 2017-10-13
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[25] EN
[54] **DYNAMIC TRANSACTION CARD WITH EMV INTERFACE AND METHOD OF MANUFACTURING**
[54] **CARTE DE TRANSACTION DYNAMIQUE AVEC INTERFACE EMV ET PROCEDE DE FABRICATION**
[72] WURMFELD, DAVID, US
[72] LOCKE, TYLER, US
[72] KOEPPEL, ADAM R., US
[71] CAPITAL ONE SERVICES, LLC, US
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[25] EN
[54] **A SYSTEM, METHOD, AND APPARATUS FOR UPDATING AN EXISTING DYNAMIC TRANSACTION CARD**
[54] **SYSTEME, PROCEDE ET APPAREIL POUR METTRE A JOUR UNE CARTE DE TRANSACTION DYNAMIQUE EXISTANTE**
[72] ZARAKAS, JAMES, US
[72] KOEPPEL, ADAM R., US
[72] KELLY, KEVIN P., US
[72] WURMFELD, DAVID, US
[71] CAPITAL ONE SERVICES, LLC, US
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[30] US (62/147,568) 2015-04-14
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[25] EN
[54] **A SYSTEM, METHOD, AND APPARATUS FOR A DYNAMIC TRANSACTION CARD**
[54] **SYSTEME, PROCEDE ET APPAREIL POUR CARTE DE TRANSACTION DYNAMIQUE**
[72] WURMFELD, DAVID, US
[72] LOCKE, TYLER, US
[71] CAPITAL ONE SERVICES, LLC, US
[85] 2017-10-13
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[54] **METHODS FOR TYPING OF LUNG CANCER**
[54] **PROCEDES DE TYPAGE DE CANCER DU POUMON**
[72] FARUKI, HAWAZIN, US
[72] LAI-GOLDMAN, MYLA, US
[72] MAYHEW, GREG, US
[72] PEROU, CHARLES, US
[72] HAYES, DAVID NEIL, US
[71] GENECENTRIC THERAPEUTICS, INC., US
[71] UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL, US
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[54] **ANTI-C-MET ANTIBODY AND ANTI-C-MET ANTIBODY-CYTOTOXIC DRUG CONJUGATE AND PHARMACEUTICAL USE THEREOF**
[54] **ANTICORPS ANTI-C-MET, CONJUGUE D'ANTICORPS ANTI-C-MET-MEDICAMENT CYTOTOXIQUE ET LEUR UTILISATION PHARMACEUTIQUE**
[72] LIU, JIAJIAN, CN
[72] ZHANG, LIANSHAN, CN
[72] TAO, WEIKANG, CN
[72] FU, YAYUAN, CN
[72] ZHANG, LING, CN
[72] MA, DONG, CN
[72] CUI, DONGBING, CN
[72] WANG, YALI, CN
[72] XU, JIANYAN, CN
[72] LIANG, JINDONG, CN
[72] ZHANG, YING, CN
[72] JIANG, GUIYANG, CN
[72] QIU, JUNZHUAN, CN
[72] SUN, ZIYONG, CN
[72] ZHA, JIPING, CN
[72] WEI, JINGPING, CN
[71] SUZHOU SUNCADIA BIOPHARMACEUTICALS CO., LTD., CN
[71] JIANGSU HENGRUI MEDICINE CO., LTD., CN
[71] SHANGHAI HENGRUI PHARMACEUTICAL CO., LTD., CN
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[54] **METHODS OF EXOSKELETON COMMUNICATION AND CONTROL**
[54] **PROCEDES DE COMMUNICATION ET DE COMMANDE POUR EXOSQUELETTE**
[72] SANDLER, REUBEN, US
[72] STRAUSSER, KATHERINE, US
[72] FIEDLER, MARK, US
[72] AMUNDSON, KURT, US
[72] BROWN, DAN, US
[72] SMITH, RENATA, US
[72] SWEENEY, MATTHEW, D., US
[72] ANGOLD, RUSSDON, US
[72] MCCAFFREY, NIEL, US
[72] EDMONDS, DUANE, US
[72] MEADOWS, CHRIS, US
[72] JONES, JARED, US
[72] METTLER, KELLY, US
[71] EKSO BIONICS, INC., US
[85] 2017-10-13
[86] 2016-04-14 (PCT/US2016/027536)
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[30] US (62/147,076) 2015-04-14
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[25] EN
[54] **DYNAMIC TRANSACTION CARD POWER MANAGEMENT**
[54] **GESTION D'ENERGIE DE CARTE DE TRANSACTION DYNAMIQUE**
[72] LOCKE, TYLER, US
[72] WURMFELD, DAVID, US
[72] ZARAKAS, JAMES, US
[72] KOEPPEL, ADAM R., US
[71] CAPITAL ONE SERVICES, LLC, US
[85] 2017-10-13
[86] 2016-04-14 (PCT/US2016/027526)
[87] (WO2016/168457)
[30] US (62/147,568) 2015-04-14
[30] US (62/266,324) 2015-12-11
[30] US (62/270,307) 2015-12-21
[30] US (62/305,599) 2016-03-09

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[25] EN
[54] **SYSTEM AND METHOD FOR CORRELATING ROUTING PROTOCOL INFORMATION**
[54] **SYSTEME ET PROCEDE POUR METTRE EN CORRELATION DES INFORMATIONS DE PROTOCOLE DE ROUTAGE**
[72] MASLAK, JOEL C., US
[71] LEVEL 3 COMMUNICATIONS, LLC, US
[85] 2017-10-13
[86] 2016-04-14 (PCT/US2016/027539)
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[30] US (62/147,884) 2015-04-15

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[25] EN
[54] **COMPOSITIONS AND METHODS OF MODULATING SHORT-CHAIN DEHYDROGENASE ACTIVITY**
[54] **COMPOSITIONS ET PROCEDES DE MODULATION DE L'ACTIVITE DE LA DESHYDROGENASE A CHAINE COURTE**
[72] MARKOWITZ, SANFORD D., US
[72] READY, JOSEPH, US
[72] ZHANG, YONGYOU, US
[72] ANTCZAK, MONIKA, US
[72] WILLSON, JAMES K.V., US
[72] POSNER, BRUCE A., US
[72] GREENLEE, WILLIAM, US
[71] CASE WESTERN RESERVE UNIVERSITY, US
[71] BOARD OF REGENTS OF THE UNIVERSITY OF TEXAS SYSTEM, US
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[86] 2016-04-14 (PCT/US2016/027549)
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[51] **Int.Cl. G06F 9/44 (2006.01) G06F 9/445 (2006.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR SECURE FIRMWARE VALIDATION**
[54] **SYSTEMES ET PROCEDES POUR UNE VALIDATION DE MICROLOGICIEL SECURISE**
[72] ZARAKAS, JAMES, US
[72] WURMFELD, DAVID, US
[72] YORK, BRENNON, US
[72] LOCKE, TYLER, US
[71] CAPITAL ONE SERVICES, LLC, US
[85] 2017-10-13
[86] 2016-04-14 (PCT/US2016/027554)
[87] (WO2016/168475)
[30] US (62/147,568) 2015-04-14
[30] US (62/270,465) 2015-12-21
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[54] **CATWALK SYSTEM AND METHOD**
[54] **SYSTEME PASSAVANT ET PROCEDE CORRESPONDANT**
[72] BOWLEY, RYAN THOMAS, CA
[72] JANTZEN, LEON KEITH, CA
[72] COOMBE, BRENT JAMES-WILLIAM, CA
[71] TESCO CORPORATION, US
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[30] US (62/147,477) 2015-04-14
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[25] EN
[54] **VESSEL ASSEMBLIES FOR TEMPERATURE CONTROL**
[54] **ENSEMBLES RECIPIENTS POUR REGULATION DE LA TEMPERATURE**
[72] KILMER, DEREK S., US
[72] SULLIVAN, JEFFREY R., US
[72] WYRSTA, MICHAEL, US
[72] KOMON, ZACHARY, US
[71] AMERICAN AEROGEL CORPORATION, US
[85] 2017-10-13
[86] 2016-04-14 (PCT/US2016/027638)
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[25] EN
[54] **SYSTEM AND URINE SENSING DEVICES FOR AND METHOD OF MONITORING KIDNEY FUNCTION**
[54] **SYSTEME ET DISPOSITIFS DE DETECTION D'URINE ET PROCEDE DE SURVEILLANCE DE LA FONCTION RENALE**
[72] CHANG, AARON, US
[72] CHADALAVADA, SRIRAM, US
[72] CLEGG, MADELEINE, US
[72] OSEI, PATIENCE, US
[72] SIBOLE, ALEXANDRA, US
[72] KATZ, NEVIN, US
[72] MAGRUDER, JONATHAN TRENT, US
[71] THE JOHNS HOPKINS UNIVERSITY, US
[85] 2017-10-13
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[30] US (62/147,940) 2015-04-15

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[25] EN
[54] **SYSTEMS AND METHODS FOR REDUCING DATA DENSITY IN LARGE DATASETS**
[54] **SYSTEMES ET PROCEDES DE REDUCTION DE LA DENSITE DE DONNEES DANS DE LARGES ENSEMBLES DE DONNEES**
[72] NEUMEIER, ZEEV, US
[71] INSCAPE DATA, INC., US
[85] 2017-10-13
[86] 2016-04-15 (PCT/US2016/027691)
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[54] **DISINTEGRATABLE BROWN SACK PAPER**
[54] **PAPIER POUR SAC BRUN DESINTEGRABLE**
[72] ANDERSSON AVITSLAND, GRETE, SE
[72] RENNEL WENNBERG, CAMILLA, SE
[71] BILLERUDKORSNAS AB, SE
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[54] **DEACTIVATION METHOD AND APPARATUS FOR A SECONDARY CELL AND COMMUNICATIONS SYSTEM**
[54] **PROCEDE ET APPAREIL PERMETTANT DE DESACTIVER UNE CELLULE SECONDAIRE, ET SYSTEME DE COMMUNICATION**
[72] JIA, MEIYI, CN
[72] XU, HAIBO, CN
[72] ZHOU, HUA, CN
[72] WU, LIANHAI, CN
[71] FUJITSU LIMITED, JP
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[54] **SYSTEMES ET PROCEDES D'INSTALLATION DE DEGIVRAGE D'AVION A HAUTE VITESSE**
[72] LUCA, VALENTIN, US
[71] LUCA, VALENTIN, US
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[54] **MICRONEEDLE SYSTEM FOR DELIVERING LIQUID FORMULATIONS**
[54] **SYSTEME A MICROAIGUILLES POUR L'APPLICATION DE FORMULATIONS LIQUIDES**
[72] HEUSER, KARSTEN, DE
[72] SPILGIES, HEIKO, DE
[71] LTS LOHMANN THERAPIE-SYSTEME AG, DE
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[54] **WIRELESS COMMUNICATION SYSTEM, BASE STATION, MOBILE STATION, AND PROCESSING METHOD**
[54] **SYSTEME DE COMMUNICATION SANS FIL, STATION DE BASE, STATION MOBILE, ET PROCEDE DE TRAITEMENT**
[72] OHTA, YOSHIAKI, JP
[72] AIKAWA, SHINICHIRO, JP
[72] ODE, TAKAYOSHI, JP
[72] SUGA, JUNICHI, JP
[72] TAKECHI, RYUICHI, JP
[71] FUJITSU LIMITED, JP
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[54] **CROSS-COUNTRY INTERCHANGEABLE PLATE SYSTEM**
[54] **SYSTEME DE CHANGEMENT DE RONDELLE POUR LA RANDONNEE**
[72] HEIM, EBERHARD, DE
[71] LEKISPORT AG, CH
[85] 2017-10-05
[86] 2016-04-08 (PCT/EP2016/057816)
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[54] **IMPROVING WEATHER FORECASTS THROUGH POST-PROCESSING**
[54] **AMELIORATION DE PREVISIONS METEOS PAR L'INTERMEDIAIRE D'UN POST-TRAITEMENT**
[72] DAIL, HOLLY, US
[72] HOYER, STEPHAN, US
[71] THE CLIMATE CORPORATION, US
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[54] **ENCLOSURE FOR THE OPERATION MECHANISM OF A CIRCUIT BREAKER**
[54] **ENCEINTE POUR LE MECANISME DE MAN□UVRE D'UN DISJONCTEUR**
[72] KALIN, DANIEL, CH
[72] VON ALLMEN, PETER, CH
[71] GENERAL ELECTRIC TECHNOLOGY GMBH, CH
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[54] **MAIN SHAFT FOR THE OPERATION MECHANISM OF A CIRCUIT BREAKER**
[54] **ARBRE PRINCIPAL DESTINE AU MECANISME DE MAN□UVRE D'UN DISJONCTEUR**
[72] KALIN, DANIEL, CH
[72] VON ALLMEN, PETER, CH
[71] GENERAL ELECTRIC TECHNOLOGY GMBH, CH
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[25] EN
[54] **SYSTEM FOR INSPECTING RAIL WITH PHASED ARRAY ULTRASONICS**
[54] **SYSTEME D'INSPECTION DE RAIL A ULTRASONS A RESEAU A COMMANDE DE PHASE**
[72] WITTE, MATTHEW WARD, US
[72] KALAY, SEMIH, US
[72] WELANDER, LUCAS RAHE, US
[72] BOULWARE, PAUL CHRISTOPHER, US
[72] SPENCER, ROGER LYNN, US
[71] TRANSPORTATION TECHNOLOGY CENTER, INC., US
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[54] **EFFECTEURS D'ASSEMBLAGE DE VIRUS DE L'HEPATITE B**
[72] ARNOLD, LEE DANIEL, US
[72] MAAG, HANS, DE
[72] TURNER, WILLIAM W., JR., US
[71] INDIANA UNIVERSITY RESEARCH AND TECHNOLOGY CORPORATION, US
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[54] **SYSTEM FOR INSPECTING RAIL WITH PHASED ARRAY ULTRASONICS**
[54] **SYSTEME POUR INSPECTER UN RAIL AU MOYEN DES ULTRASONS A GROUPEMENT PHASE**
[72] KALAY, SEMIH, US
[72] WITTE, MATTHEW WARD, US
[72] SPENCER, ROGER LYNN, US
[72] WELANDER, LUCAS RAHE, US
[72] BOULWARE, PAUL CHRISTOPHER, US
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[25] EN
[54] **PROGRAMMABLE EMERGENCY LIGHTING DEVICE INCLUDING NEAR-FIELD COMMUNICATION**
[54] **DISPOSITIF D'ECLAIRAGE DE SECOURS PROGRAMMABLE COMPRENANT UN MODULE DE COMMUNICATION EN CHAMP PROCHE**
[72] HAN, LEI, US
[72] LANE, JOHN, US
[71] HUBBELL INCORPORATED, US
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[25] EN
[54] **STABILISATION OF HEATED FOOD SUBSTRATES**
[54] **STABILISATION DE SUBSTRATS ALIMENTAIRES CHAUFFES**
[72] MICHIELS, WILHELMUS JOHANNES GERARDUS, NL
[72] VAN DER KOLK, BIANCA, NL
[71] CRISP SENSATION HOLDING S.A., CH
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[25] EN
[54] **BUNDLE SPACER AND CLAMP ASSEMBLY FOR CONDUCTORS**
[54] **FAISCEAU D'ECARTEMENT ET ENSEMBLE DE SERRAGE POUR CONDUCTEURS**
[72] DEFRANCE, ROBERT V., US
[71] HUBBELL INCORPORATED, US
[85] 2017-10-05
[86] 2016-03-24 (PCT/US2016/023873)
[87] (WO2016/164174)
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[54] **TRANSPORTABLE SUB-CRITICAL MODULES FOR POWER GENERATION AND RELATED METHODS**
[54] **MODULES SOUS-CRITIQUES TRANSPORTABLES PERMETTANT DE PRODUIRE DE L'ENERGIE ET PROCEDES ASSOCIES**
[72] FILIPPONE, CLAUDIO, US
[71] FILIPPONE, CLAUDIO, US
[85] 2017-10-05
[86] 2016-04-12 (PCT/US2016/027102)
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[25] EN
[54] **PACKAGE VALVE CLOSURE SYSTEM AND METHOD**
[54] **PROCEDE ET SYSTEME DE FERMETURE DE VANNE D'EMBALLAGE**
[72] STEELE, MARK, US
[71] STEELE, MARK, US
[85] 2017-10-05
[86] 2016-03-26 (PCT/US2016/024382)
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[25] EN
[54] **METHOD FOR PREPARING MICROENCAPSULATED HEAT-SENSITIVE BIOACTIVE MATERIAL**
[54] **PROCEDE DE PREPARATION DE MATIERE BIOACTIVE SENSIBLE A LA CHALEUR MICROENCAPSULEE**
[72] WANG, QI, CA
[72] LIU, HUAN, CA
[72] GONG, JOSHUA, CA
[72] YU, HAI, CA
[72] GUO, TRACY, CA
[72] MILLER, SHEA, CA
[72] CUI, STEVE, CA
[71] HER MAJESTY THE QUEEN IN RIGHT OF CANADA, AS REPRESENTED BY THE MINISTER OF AGRICULTURE AND AGRI-FOOD, CA
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[54] **NEUOROLOGICAL CONDITION DETECTION UNIT AND METHOD OF USING THE SAME**
[54] **UNITE DE DETECTION DE TROUBLE NEUROLOGIQUE ET SON PROCEDE D'UTILISATION**
[72] KESINGER, MATTHEW, US
[72] WILLIS, DAN, US
[71] FOREST DEVICES, INC., US
[85] 2017-10-05
[86] 2016-03-30 (PCT/US2016/024905)
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[25] EN
[54] **STEERABLE MEDICAL DEVICES, SYSTEMS, AND METHODS OF USE**
[54] **DISPOSITIFS MEDICAUX ORIENTABLES, SYSTEMES ET LEURS PROCEDES D'UTILISATION**
[72] SALAHIEH, AMR, US
[72] LEPAK, JONAH, US
[72] LEPAK, EMMA, US
[72] SAUL, TOM, US
[72] DUERI, JEAN-PIERRE, US
[72] TRAUTMAN, JOSEPH CREAGAN, US
[72] CHENG, CHRISTOPHER T., US
[72] RENATI, RICHARD JOSEPH, US
[72] MIXTER, COLIN, US
[72] BITOUN, MARC, US
[71] SHIFAMED HOLDINGS, LLC, US
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[51] **Int.Cl. C07D 403/06 (2006.01) C07D 209/36 (2006.01) C07D 401/06 (2006.01)**
[25] EN
[54] **OXINDOLE COMPOUNDS AND PHARMACEUTICAL COMPOSITIONS THEREOF**
[54] **COMPOSES OXINDOLES ET LEURS COMPOSITIONS PHARMACEUTIQUES**
[72] BEESON, CRAIG C., US
[72] LINDSEY, CHRISTOPHER C., US
[72] ROHRER, BAERBEL, US
[71] MUSC FOUNDATION FOR RESEARCH DEVELOPMENT, US
[71] U.S. DEPARTMENT OF VETERANS AFFAIRS, US
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[25] EN
[54] **PROCESSES FOR THE PREPARATION OF GALNAC ACID DERIVATIVES**
[54] **PROCEDES POUR LA PREPARATION DE DERIVES ACIDES DE GALNAC**
[72] LILL, JOERG, CH
[72] TRUSSARDI, RENE, CH
[71] F. HOFFMANN-LA ROCHE AG, CH
[85] 2017-10-13
[86] 2016-08-02 (PCT/EP2016/068361)
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[25] EN
[54] **WET PET FOOD PRODUCT COMPRISING A MEAT ANALOGUE**
[54] **PRODUIT ALIMENTAIRE HUMIDE POUR ANIMAL DOMESTIQUE COMPRENANT UN ANALOGUE DE VIANDE**
[72] MAO, MATHIEU, DE
[72] BECKMANN, CHRISTOPH HENDRIK, DE
[72] PANNEVIS, MARINUS, DE
[72] OLIVARES, ALICIA, DE
[72] SCHUETZ, NADINE, DE
[71] MARS, INCORPORATED, US
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[25] EN
[54] **FLUID END WITH MODULAR INTAKE MANIFOLD**
[54] **EXTREMITE DE FLUIDE AVEC COLLECTEUR D'ADMISSION MODULAIRE**
[72] DILLE, MARK C., US
[71] FORUM US, INC., US
[85] 2017-10-13
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[25] EN
[54] **LAMINATED METAL SHEET FOR CONTAINER**
[54] **PLAQUE METALLIQUE STRATIFIEE POUR RECIPIENT**
[72] NAKAMURA, NORIHIKO, JP
[72] KITAGAWA, JUNICHI, JP
[72] NAKAMARU, HIROKI, JP
[72] YAMANAKA, YOICHIRO, JP
[71] JFE STEEL CORPORATION, JP
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[25] EN
[54] **WET PET FOOD PRODUCT COMPRISING A COMPOSITE MEAT PRODUCT**
[54] **PRODUIT ALIMENTAIRE CRU POUR ANIMAUX DOMESTIQUES COMPRENANT UN PRODUIT COMPOSITE A BASE DE VIANDE**
[72] MAO, MATHIEU, DE
[72] BECKMANN, CHRISTOPH, HENDRIK, DE
[72] PANNEVIS, MARINUS, DE
[72] OLIVARES, ALICIA, DE
[72] SCHUETZ, NADINE, DE
[71] MARS, INCORPORATED, US
[85] 2017-10-13
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[51] **Int.Cl. A61L 27/20 (2006.01) A61L 33/00 (2006.01)**
[25] EN
[54] **ANTITHROMBIN-HEPARIN COMPOSITIONS AND METHODS**
[54] **COMPOSITIONS ET METHODES A BASE D'ANTITHROMBINE-HEPARINE**
[72] BERRY, LESLIE, CA
[72] DIFIORE, ATTILIO, US
[72] CHAN, ANTHONY KAM CHUEN, CA
[71] ATTWILL MEDICAL SOLUTIONS INC., CA
[85] 2017-10-13
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[25] EN
[54] **PROCESS OF PREPARING A STERILIZED WET PET FOOD PRODUCT**
[54] **PROCEDE DE PREPARATION D'UN PRODUIT ALIMENTAIRE POUR ANIMAUX DE COMPAGNIE HUMIDE STERILISE**
[72] MAO, MATHIEU, DE
[72] BECKMANN, CHRISTOPH HENDRIK, DE
[72] PANNEVIS, MARINUS, DE
[72] OLIVARES, ALICIA, DE
[72] SCHUETZ, NADINE, DE
[71] MARS, INCORPORATED, US
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[86] 2016-04-28 (PCT/US2016/029814)
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[25] EN
[54] **ULTRA LOW PRESSURE CONTINUOUS CATALYST TRANSFER WITH LOCK HOPPER**
[54] **TRANSFERT DE CATALYSEUR CONTINU A ULTRA BASSE PRESSION AVEC TREMIE DE VERROUILLAGE**
[72] BRABSON, CHARLES, US
[72] GATTUPALLI, RAJESWAR, US
[72] GAICKI, RICHARD, US
[72] AUSTIN, KYLE P., US
[72] NAUNHEIMER, CHRISTOPHER, US
[72] VETTER, MICHAEL J., US
[71] UOP LLC, US
[85] 2017-10-05
[86] 2016-06-10 (PCT/US2016/036797)
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[51] **Int.Cl. G04B 37/12 (2006.01) B25F 1/00 (2006.01) G04B 37/00 (2006.01)**
[25] EN
[54] **MULTI-PURPOSE TOOL WATCH HOUSING MULTIPLE TOOL MEMBERS TO BE MOVED FROM A STORED AND EXTENDED POSITION FOR USE**
[54] **MONTRE OUTIL POLYVALENTE LOGEANT DE MULTIPLES ELEMENTS D'OUTIL A DEPLACER D'UNE POSITION RANGEE A UNE POSITION ETENDUE POUR UTILISATION**
[72] HANCOCK, PATRICK ANDREW, US
[71] HANCOCK, PATRICK ANDREW, US
[85] 2017-10-13
[86] 2016-04-28 (PCT/US2016/029830)
[87] (WO2016/176478)
[30] US (14/698,991) 2015-04-29

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[13] A1
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[25] EN
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[54] **PROCEDES DE REPARATION ET DE REGENERATION DE TISSUS**
[72] KANG, YUJIAN JAMES, CN
[71] INNOLIFE CO., LTD., CN
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[54] **DISPOSITIF D'ECLAIRAGE**
[72] VANG, SENG, US
[72] MCCALL, REBECCA K., US
[72] SPITZER, JEFFREY A., US
[72] SIMONI, DAVID A., US
[71] HUBBELL INCORPORATED, US
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[25] EN
[54] **DIHYDRO-2H-BENZO[B][1,4]OXAZINE SULFONAMIDE AND RELATED COMPOUNDS FOR USE AS AGONISTS OF ROR.GAMMA. AND THE TREATMENT OF DISEASE**
[54] **SULFONAMIDES DE DIHYDRO-2H-BENZO[B][1,4]OXAZINE ET COMPOSES APPARENTES DESTINES A ETRE UTILISES COMME AGONISTES DE ROR.GAMMA. ET POUR LE TRAITEMENT DE MALADIES**
[72] AICHER, THOMAS DANIEL, US
[72] TAYLOR, CLARKE B., US
[72] VANHUIS, CHAD A., US
[71] LYCERA CORPORATION, US
[85] 2017-10-13
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[54] **ALGAL CHLOROPLASTIC SRP54 MUTANTS**
[54] **MUTANTS SRP54 CHLOROPLASTIQUES D'ALGUES**
[72] DIPETRILLO, CHRISTEN G., US
[72] MCCARREN, JAY, US
[72] SARIAGA, LEAH, US
[71] SYNTHETIC GENOMICS, INC., US
[85] 2017-10-13
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[25] EN
[54] **CONTEXT-AWARE CAREFLOW ENGINE, PLATFORM, DEVICE, SYSTEM, METHOD, AND COMPUTER-READABLE MEDIUM**
[54] **PROCEDE, SYSTEME, DISPOSITIF, PLATEFORME, MOTEUR DE FLUX DE SOINS SENSIBLE AU CONTEXTE ET SUPPORT LISIBLE PAR ORDINATEUR**
[72] LIEDERMAN, ADAM, CA
[72] QANDIL, BAYAN, CA
[72] FINE, IAN, CA
[71] FIO CORPORATION, CA
[85] 2017-10-16
[86] 2016-04-15 (PCT/CA2016/000111)
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[54] **QUALITE DE SERVICE DE RESEAU DE DISTRIBUTION DE CONTENU COTE SERVEUR**
[72] HOPKINS, WILLIAM, US
[72] POWER, WILLIAM R., US
[71] LEVEL 3 COMMUNICATIONS, LLC, US
[85] 2017-10-05
[86] 2016-04-06 (PCT/US2016/026115)
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[54] **FLUIDE D'AFFICHAGE ELECTROPHORETIQUE**
[72] DU, HUI, US
[72] LIN, CRAIG, US
[71] E INK CALIFORNIA, LLC, US
[85] 2017-10-13
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[54] **WAVE ACTUATOR**
[54] **ACTIONNEUR D'ONDE**
[72] KLASSEN, JAMES BRENT, CA
[71] GENESIS ROBOTICS LLP, CA
[85] 2017-10-16
[86] 2016-04-15 (PCT/CA2016/050445)
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[25] EN
[54] **TEXAPHYRIN-PHOSPHOLIPID CONJUGATES AND METHODS OF PREPARING SAME**
[54] **CONJUGUES DE TEXAPHYRINE-PHOSPHOLIPIDE ET LEURS PROCEDES DE PREPARATION**
[72] ZHENG, GANG, CA
[72] KECA, JOSEPH, CA
[71] UNIVERSITY HEALTH NETWORK, CA
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[54] **METHOD AND APPARATUS FOR DIGITAL REPRESENTATIONS OF ANALOG SIGNALS AND CONTROL WORDS USING DIFFERENT MULTI-LEVEL MODULATION FORMATS**
[54] **PROCEDE ET APPAREIL POUR REPRESENTATIONS NUMERIQUES DE SIGNAUX ANALOGIQUES ET MOTS DE CONTROLE UTILISANT DIFFERENTS TYPES DE MODULATION A PLUSIEURS NIVEAUX**
[72] ZENG, HUAIYU, US
[72] LIU, XIANG, US
[71] HUAWEI TECHNOLOGIES CO., LTD., CN
[85] 2017-10-16
[86] 2016-04-14 (PCT/CN2016/079297)
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[54] **ANTI-PACAP ANTIBODIES AND USES THEREOF**
[54] **ANTICORPS ANTI-PACAP ET LEURS UTILISATIONS**
[72] ALLISON, DANIEL S., US
[72] OJALA, ETHAN WAYNE, US
[72] FAN, PEI, US
[72] SMITH, JEFFREY T.L., US
[72] LATHAM, JOHN, US
[72] KARASEK, CHARLIE, US
[72] MULLIGAN, JENNY, US
[72] SCALLEY-KIM, MICHELLE, US
[72] STEWART, ERICA, US
[72] RUBIN, VANESSA LISBETH, US
[72] BILLGREN, JENS J., US
[72] HENDRIX, KATHERINE LEE, US
[72] LOOMIS, MARIA-CRISTINA, US
[72] DUTZAR, BENJAMIN H., US
[72] GARCIA-MARTINEZ, LEON, US
[71] ALDER BIOPHARMACEUTICALS, INC., US
[85] 2017-10-13
[86] 2016-04-15 (PCT/US2016/027984)
[87] (WO2016/168762)
[30] US (62/148,550) 2015-04-16
[30] US (62/148,557) 2015-04-16
[30] US (62/148,562) 2015-04-16
[30] US (62/148,583) 2015-04-16
[30] US (62/148,596) 2015-04-16
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[54] **PULVERISATEUR HAUTE PRESSION**
[72] TAN, NINGGANG, CN
[72] NIU, XIANGSHAN, CN
[72] ZHANG, YONG, CN
[71] WUHAN KAIDI ENGINEERING TECHNOLOGY RESEARCH INSTITUTE CO., LTD., CN
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[54] **RISK ASSESSMENT FOR THERAPEUTIC DRUGS**
[54] **EVALUATION DU RISQUE DES MEDICAMENTS THERAPEUTIQUES**
[72] BARBOSA, MARIA D. F. S., US
[71] CONQUERAB INC., US
[85] 2017-10-05
[86] 2016-04-06 (PCT/US2016/026203)
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[30] US (62/146,232) 2015-04-10
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[25] EN
[54] **METHODS AND SYSTEMS FOR USE IN MONITORING THE OPERATIONS OF A BUSINESS**
[54] **PROCEDES ET SYSTEMES DESTINES A LA SURVEILLANCE DES ACTIVITES D'UNE ENTREPRISE**
[72] ESTALL, MARK, NZ
[72] GRANT, ADRIAN, NZ
[71] 9 SPOKES KNOWLEDGE LIMITED, NZ
[85] 2017-10-16
[86] 2016-03-18 (PCT/AU2016/050196)
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[72] FAN, PEI, US
[72] SMITH, JEFFREY T.L., US
[72] LATHAM, JOHN, US
[72] KARASEK, CHARLIE, US
[72] MULLIGAN, JENNY, US
[72] SCALLEY-KIM, MICHELLE, US
[72] STEWART, ERICA, US
[72] HENDRIX, KATHERINE LEE, US
[72] RUBIN, VANESSA LISBETH, US
[72] BILLGREN, JENS J., US
[72] LOOMIS, MARIA-CRISTINA, US
[72] DUTZAR, BENJAMIN H., US
[72] GARCIA-MARTINEZ, LEON, US
[71] ALDER BIOPHARMACEUTICALS, INC., US
[85] 2017-10-13
[86] 2016-04-15 (PCT/US2016/027992)
[87] (WO2016/168768)
[30] US (62/148,550) 2015-04-16
[30] US (62/148,557) 2015-04-16
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[25] EN
[54] **PREPARATION AND USE OF KINASE INHIBITOR**
[54] **PREPARATION ET UTILISATION D'UN INHIBITEUR DE KINASE**
[72] CAO, WENJIE, CN
[72] CHENG, PENG, CN
[71] CHANGZHOU LONGTHERA PHARMACEUTICALS INC, CN
[85] 2017-10-16
[86] 2016-04-15 (PCT/CN2016/079495)
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[30] CN (201510186101.7) 2015-04-17

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[51] **Int.Cl. C25C 7/02 (2006.01) C25C 1/00 (2006.01)**
[25] EN
[54] **COMPONENTS, ASSEMBLIES AND METHODS FOR DISTRIBUTING ELECTRICAL CURRENT IN AN ELECTROLYTIC CELL**
[54] **COMPOSANTS, ENSEMBLES ET PROCEDES DE DISTRIBUTION DE COURANT ELECTRIQUE DANS UNE CELLULE ELECTROLYTIQUE**
[72] DUFRESNE, ROBERT, CA
[71] PULTRUSION TECHNIQUE INC., CA
[85] 2017-10-13
[86] 2016-04-06 (PCT/CA2016/050394)
[87] (WO2016/165012)
[30] US (62/149,134) 2015-04-17
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[54] **FLOOR COATING COMPOSITIONS**
[54] **COMPOSITIONS DE REVETEMENT DE SOL**
[72] DE WOLF, ELWIN ALOYSIUS CORNELIUS ADRIANUS, NL
[72] THYS, FERRY LUDOVICUS, BE
[72] BRINKHUIS, RICHARD HENDRIKUS GERRIT, NL
[72] SUBRAMANIAN, RAMESH, US
[72] GESSNER, MICHAEL ANTHONY, US
[72] DOLPHIJN, PAULUS JOZEF, NL
[72] MESTACH, DIRK EMIEL PAULA, BE
[71] ALLNEX NETHERLANDS B.V., NL
[85] 2017-10-16
[86] 2016-04-18 (PCT/EP2016/058483)
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[25] EN
[54] **SYSTEM AND METHOD OF OBFUSCATION THROUGH BINARY AND MEMORY DIVERSITY**
[54] **SYSTEME ET PROCEDE D'OBSCURCISSEMENT AU MOYEN D'UNE DIVERSITE BINAIRE ET DE MEMOIRE**
[72] WESIE, ANDREW MICHAEL, US
[72] PAK, BRIAN SEJOON, US
[71] RUNSAFE SECURITY, INC., US
[85] 2017-10-05
[86] 2016-04-07 (PCT/US2016/026335)
[87] (WO2016/164520)
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[13] A1
[51] **Int.Cl. G06F 3/0484 (2013.01)**
[25] EN
[54] **INFORMATION PROCESSING METHOD, TERMINAL, AND COMPUTER STORAGE MEDIUM**
[54] **PROCEDE DE TRAITEMENT D'INFORMATIONS, TERMINAL ET SUPPORT D'INFORMATIONS POUR ORDINATEUR**
[72] TANG, YONG, CN
[72] WENG, JIANMIAO, CN
[72] CHEN, YU, CN
[72] GONG, WEI, CN
[71] TENCENT TECHNOLOGY (SHENZHEN) COMPANY LIMITED, CN
[85] 2017-10-16
[86] 2016-05-04 (PCT/CN2016/081041)
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[25] EN
[54] **SYNERGISTIC PRESERVATIVE COMPOSITIONS**
[54] **COMPOSITIONS DE CONSERVATEURS SYNERGIQUES**
[72] PREMACHANDRAN, RAMAN, US
[72] HAKIMI, NAJEEB H., US
[72] MEHTA, KALPA, US
[72] WINKOWSKI, KAREN, US
[72] MUSYOKI, JENNIFER, US
[72] GUPTA, JYOTI, US
[71] ISP INVESTMENTS LLC, US
[85] 2017-10-05
[86] 2016-04-07 (PCT/US2016/026400)
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[25] EN
[54] **MULTIPLEX PCR TO DETECT GENE FUSIONS**
[54] **PCR MULTIPLEX POUR DETECTER LES FUSIONS DE GENES**
[72] BEGOVICH, ANN, US
[72] DUA, RAJIV, US
[72] KUO, DWIGHT, US
[72] MA, XIAOJU MAX, US
[72] ORDINARIO, ELLEN, US
[71] F. HOFFMAN-LA ROCHE AG, CH
[85] 2017-10-16
[86] 2016-04-15 (PCT/EP2016/058324)
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[25] EN
[54] **PROGRAMMABLE MEMORY TRANSFER REQUEST PROCESSING UNITS**
[54] **UNITES DE REQUETE DE TRANSFERT DE MEMOIRE PROGRAMMABLE**
[72] GITTINS, BENJAMIN, MT
[71] GITTINS, BENJAMIN, MT
[85] 2017-10-05
[86] 2016-04-07 (PCT/IB2016/051969)
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[25] EN
[54] **A SPARK PLUG TESTING KIT**
[54] **EQUIPEMENT D'ESSAI DE BOUGIES D'ALLUMAGE**
[72] LEESON, JOHN, AU
[71] LEESON, DARREN, AU
[71] LEESON, JOHN, AU
[71] LEESON, JUSTINE, AU
[85] 2017-10-16
[86] 2016-04-28 (PCT/AU2016/050303)
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[25] EN
[54] **ARENAVIRUSES FOR USE IN THE TREATMENT AND/OR PREVENTION OF TUMORS AND METHOD FOR PRODUCING ARENAVIRUSES WITH (IMPROVED) TUMOR-REGRESSION PROPERTIES**
[54] **ARENAVIRUS POUR APPLICATION DANS LE TRAITEMENT ET/OU LA PREVENTION DE TUMEURS ET PROCEDES DE PRODUCTION D'ARENAVIRUS AYANT DES PROPRIETES DE REGRESSION TUMORALE (AMELIOREES)**
[72] LANG, KARL SEBASTIAN, DE
[72] KALKAVAN, HALIME, US
[71] LANG, KARL SEBASTIAN, DE
[85] 2017-10-16
[86] 2016-04-15 (PCT/EP2016/058347)
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[30] DE (10 2015 207 036.0) 2015-04-17

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[25] EN
[54] **RMA CROSSLINKABLE COMPOSITIONS AND RMA CROSSLINKABLE RESINS FOR EASY TO CLEAN COATINGS**
[54] **COMPOSITIONS RETICULABLES PAR RMA ET RESINES RETICULABLES PAR RMA POUR REVETEMENTS FACILES A NETTOYER**
[72] BRINKHUIS, RICHARD HENDRIKUS GERRIT, NL
[72] GESSNER, MICHAEL ANTHONY, US
[72] MESTACH, DIRK EMIEL PAULA, BE
[72] SUBRAMANIAN, RAMESH, US
[72] DEGOOYER, WILLIAM JAY, US
[72] NANDA, AJAYA, US
[72] MCCRACKEN, ERIC MATTHEW, US
[72] FALLANI, FRANCESCA, NL
[72] MBALLA MBALLA, MONIQUE ALEXINA, NL
[72] BOSMA, MARTIN, NL
[71] ALLNEX NETHERLANDS B.V., NL
[85] 2017-10-16
[86] 2016-04-18 (PCT/EP2016/058588)
[87] (WO2016/166381)
[30] US (62/148,981) 2015-04-17
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[13] A1
[51] **Int.Cl. A61K 31/436 (2006.01) A61K 31/573 (2006.01) A61P 35/00 (2006.01)**
[25] EN
[54] **FASTING MIMICKING DIET (FMD) AND GLUCOSE LOWERING DRUGS PROTECT NORMAL CELLS AND GENERATE CANCER SENSITIZING CONDITIONS IN RESPONSE TO STANDARD AND HIGH GLUCOSE CONDITIONS INDUCED BY RAPAMYCIN AND DEXAMETHASONE**
[54] **REGIME ALIMENTAIRE IMITANT LE JEUNE ET MEDICAMENTS ABAISSANT LA GLYCEMIE PROTEGENT LES CELLULES NORMALES ET GENERENT DES CONDITIONS DE SENSIBILISATION DU CANCER EN REPONSE A DES CONDITIONS DE GLYCEMIE STANDARD ET ELEVEES INDUITES PAR LA RAPAMYCINE ET LA DEXAMETHASONE**
[72] LONGO, VALTER D., US
[72] DI BIASE, STEFANO, US
[71] UNIVERSITY OF SOUTHERN CALIFORNIA, US
[85] 2017-10-13
[86] 2016-04-18 (PCT/US2016/028055)
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[25] FR
[54] **SCISSOR ARM ASSEMBLY FOR A SCISSOR LIFT**
[54] **ASSEMBLAGE DE BRAS DE CISEAUX POUR MECANISME DE LEVAGE EN CISEAUX D'UNE NACELLE ELEVATRICE**
[72] ANGLADE, PIERRE, FR
[71] HAULOTTE GROUP, FR
[85] 2017-10-16
[86] 2016-04-15 (PCT/FR2016/050879)
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[54] **DISPOSITIF POUR GENERER UN CHAMP MAGNETIQUE ET PROCEDE CONSISTANT A GENERER UN CHAMP MAGNETIQUE**
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[54] **PROCEDE DE VERIFICATION D'UN DISPOSITIF DE SECURITE COMPORTANT UNE SIGNATURE**
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[72] VANDROUX, CORALIE, FR
[72] MOREL, YVONNIC, FR
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[54] **ARTICLES EN TISSU JETABLES TISSES EN RUBANS DE HAUTE RESISTANCE**
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[71] GLOBAL STRATEGIES, INC., US
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[54] **COMPOSITION AROMATISANTE POUR ALIMENTS POUR ANIMAUX**
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[71] INTERQUIM, S.A., ES
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[54] **PREPARATION METHOD FOR AROMATIC HETEROCYCLIC COMPOUND USED AS SELECTIVE JAK3 AND/OR JAK1 KINASE INHIBITOR AND APPLICATION OF AROMATIC HETEROCYCLIC COMPOUND**
[54] **METHODE DE PREPARATION D'UN COMPOSE HETEROCYCLIQUE AROMATIQUE UTILISE COMME INHIBITEUR SELECTIF DE LA KINASE JAK3 ET/OU JAK1, ET APPLICATION DUDIT COMPOSE**
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[72] YU, JINDI, CN
[72] YANG, QIANJIAO, CN
[72] LI, ZHIBIN, CN
[72] PAN, DESI, CN
[72] SHAN, SONG, CN
[72] ZHU, JIANGFEI, CN
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[54] **A METHOD FOR CURING A RMA CROSSLINKABLE RESIN COATING, RMA CROSSLINKABLE COMPOSITIONS AND RESINS FOR USE THEREIN**
[54] **PROCEDE POUR DURCIR UN REVETEMENT EN RESINE RETICULABLE VIA RMA, COMPOSITIONS RETICULABLES VIA RMA ET RESINES DESTINEES A ETRE MISES EN OEUVRE DANS LEDIT PROCEDE**
[72] GESSNER, MICHAEL ANTHONY, US
[72] MESTACH, DIRK EMIEL PAULA, BE
[72] SUBRAMANIAN, RAMESH, US
[72] DEGOOYER, WILLIAM JAY, US
[72] NANDA, AJAYA, US
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[54] **NACELLE ELEVATRICE A PROTECTION CONTRE LES NIDS DE POULE**
[72] PITHOUD, EMMANUEL, FR
[71] HAULOTTE GROUP, FR
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[54] **SYSTEMES ET PROCEDES DE PCR NUMERIQUES UTILISANT LA MICROFLUIDIQUE NUMERIQUE**
[72] KWANG, STANFORD, US
[71] F. HOFFMANN-LA ROCHE AG, CH
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[54] **CONVERSION DE BIOMASSE OU DE DECHETS RESIDUELS EN BIOCARBURANTS**
[72] URADE, VIKRANT NANASAHEB, IN
[72] DEL PAGGIO, ALAN ANTHONY, US
[72] CHILKOOR SOUNDARARAJAN, LAXMI NARASIMHAN, IN
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[54] **ENGINE CONTROLLER AND ENGINE CONTROL METHOD**
[54] **APPAREIL DE COMMANDE DE MOTEUR ET PROCEDE DE COMMANDE DE MOTEUR**
[72] TSUYUKI, TAKESHI, JP
[72] IMAOKA, YOSHIHIRO, JP
[72] INOUE, TAKAO, JP
[71] NISSAN MOTOR CO., LTD., JP
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[54] **REDUCTEUR A TRAIN D'ENGRENAGES EPICYCLOIDAL POUR UNE TURBOMACHINE**
[72] LAO, JEREMY PHORLA, FR
[72] BELMONTE, OLIVIER, FR
[72] MOUTON, CLEMENTINE CHARLOTTE MARIE, FR
[72] NGUYEN VAN, THOMAS JULIEN, FR
[72] PATSOURIS, EMMANUEL PIERRE DIMITRI, FR
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[54] **SUDOKU BOARD FACILITATING PICKING UP OF THE TILES, SUDOKU KIT AND METHOD FOR PRODUCING THE SUDOKU BOARD**
[54] **PLATEAU DE SUDOKU FACILITANT LA COLLECTE DE TUILES, KIT DE SUDOKU, ET PROCEDE DE PRODUCTION DE PLATEAU DE SUDOKU**
[72] MORTELMANS, ROSA, PL
[71] MEMORY GAMES BVBA, BE
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[54] **COUVERCLE ETIRABLE POUR EQUIPEMENT ET/OU DISPOSITIF D'EXERCICE**
[72] MARIANO, LISA B., US
[71] MARIANO, LISA B., US
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[54] **BARRIERE ANNULAIRE AYANT UNE UNITE DE DEPLOIEMENT**
[72] STAEHR, LARS, DK
[71] WELLTEC A/S, DK
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[54] **SYSTEME DE MONTAGE MECANIQUE POUR DISPOSITIF DE VISUALISATION**
[72] MOZER, LAURENT, FR
[72] LARET, DANIEL, FR
[72] GOY, JEAN-MARIE, FR
[71] THALES, FR
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[54] **UTILISATION DE MVA OU DE MVADELTAE3L EN TANT QU'AGENTS IMMUNOTHERAPEUTIQUES CONTRE DES TUMEURS SOLIDES**
[72] DENG, LIANG, US
[72] WOLCHOK, JEDD, US
[72] MERGHOUB, TAHA, US
[72] SHUMAN, STEWART, US
[72] DAI, PEIHONG, US
[72] WANG, WEIYI, US
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[54] **BARRIERE ANTI-BRUIT ET ANTI-FUMEE POUR PENETRATION DE BATIMENT**
[72] HULTEEN, JOHN C., US
[72] FROST, GEORGE W., US
[72] HAFFNER, RICHARD J., US
[72] SCHMIDT, ERNST L., US
[71] 3M INNOVATIVE PROPERTIES COMPANY, US
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[54] **ECHANGEUR DE CHALEUR A FAISCEAU TUBULAIRE PRESENTANT UNE STRUCTURE AMELIOREE**
[72] ZANARDI, LUCA, IT
[72] FOGLIENI, FABIANO, IT
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[54] **SYSTEME ELECTRONIQUE POUR COMMANDER L'ACQUISISION D'UN ELECTROCARDIOGRAMME**
[72] BRIANTE, NICOLO, IT
[72] MAURIZI, NICCOLO, IT
[71] D-HEART S.R.L., IT
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[54] **BOUCHON DE SECURITE DE BOUTON POUR DISPOSITIF D'INSERTION DE CATHETER**
[72] COLE, RUSSELL, US
[71] BECTON, DICKINSON AND COMPANY, US
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[54] **COMPOSITIONS AUTO-MOUSSANTES ET PROCEDES**
[72] KHOURY, FRED, US
[71] KATE SOMERVILLE SKINCARE, LLC, US
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[54] **COMPOSITE EN POLYPROPYLENE**
[72] BRAUN, HERMANN, AT
[72] JERABEK, MICHAEL, AT
[72] LUMMERSTORFER, THOMAS, AT
[72] HAIDER, ANDREAS, AT
[72] SOBCZAK, LUKAS, AT
[71] BOREALIS AG, AT
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[54] **METHODES DE TRAITEMENT D'INFECTIONS BACTERIENNES**
[72] GRIFFITH, DAVID C., US
[72] DUDLEY, MICHAEL N., US
[72] LOUTIT, JEFFREY S., US
[72] LOMOVSKAYA, OLGA, US
[71] REMPEX PHARMACEUTICALS, INC., US
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[54] **STRUCTURE AYANT UNE REGION AJOUTEE EXTERIEUREMENT SUR LA SURFACE**
[72] NYUU, KEISUKE, JP
[72] OKADA, YOSHIAKI, JP
[72] MIYAZAKI, TOMOYUKI, JP
[72] AKUTSU, YOSUKE, JP
[72] IWAMOTO, SHINYA, JP
[71] TOYO SEIKAN CO., LTD., JP
[71] TOYO SEIKAN GROUP HOLDINGS, LTD., JP
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[54] **IMPLANT ORTHOGNATHIQUE DE SCIAGE ET DE POSITIONNEMENT**
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[71] KARL LEIBINGER MEDIZINTECHNIK GMBH & CO. KG, DE
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[54] **PROMOTEUR VEGETAL POUR L'EXPRESSION D'UN TRANSGENE**
[72] KUMAR, SANDEEP, US
[72] HEMINGWAY, DAREN, US
[72] AUSMUS, CARLA, US
[72] WORDEN, ANDREW F., US
[72] ASBERRY, ANDREW, US
[71] DOW AGROSCIENCES LLC, US
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[54] **HEEL PAD HAVING A MALLEABLE MEMBER AND METHOD OF USE**
[54] **TALONNETTE AYANT UN ELEMENT MALLEABLE ET PROCEDE D'UTILISATION**
[72] BRADLEY, TINA B., US
[71] INTRICATE FORTE, INC., US
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[25] EN
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[54] **CONGELATION ET ARCHIVAGE DE CELLULES SUR UN DISPOSITIF MICROFLUIDIQUE**
[72] WHITE, MARK P., US
[72] CHAPMAN, KEVIN T., US
[72] MCFARLAND, ANDREW W., US
[72] HOBBS, ERIC D., US
[72] LOWE, RANDALL D., JR., US
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[54] **ENGINE CONTROLLER AND ENGINE CONTOL METHOD**
[54] **DISPOSITIF ET PROCEDE DE COMMANDE DE MOTEUR**
[72] IMAOKA, YOSHIHIRO, JP
[72] TSUYUKI, TAKESHI, JP
[72] INOUE, TAKAO, JP
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[25] EN
[54] **ADJUSTABLE TRANSPORTATION SYSTEM FOR TRANSPORTING USING A TRAILER**
[54] **SYSTEME DE TRANSPORT REGLABLE POUR TRANSPORT AU MOYEN D'UNE REMORQUE**
[72] HAREL, ALEX, IL
[72] GREEN, SHALOM, IL
[72] ZECHARIA, OHAD, IL
[71] EZ PACK WATER LTD, IL
[85] 2017-10-16
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[51] **Int.Cl. A61J 1/20 (2006.01) A61J 1/14 (2006.01)**
[25] FR
[54] **SEALING DEVICE FOR MAKING IT POSSIBLE TO COLLECT A COMPOSITION, PACKAGING ASSEMBLY COMPRISING SUCH A SEALING DEVICE, COLLECTION AND PACKAGING METHODS**
[54] **DISPOSITIF DE BOUCHAGE POUR PERMETTRE UN PRELEVEMENT D'UNE COMPOSITION ENSEMBLE DE CONDITIONNEMENT COMPRENANT UN TEL DISPOSITIF DE BOUCHAGE, PROCEDES DE PRELEVEMENT ET DE CONDITIONNEMENT**
[72] DUBAELE, JEAN-MARC, FR
[72] GUILLEMAUT, THIERRY, FR
[71] CENTRE HOSPITALIER UNIVERSITAIRE D'AMIENS-PICARDIE, FR
[85] 2017-10-16
[86] 2016-04-14 (PCT/EP2016/058194)
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[13] A1
[51] **Int.Cl. B63B 59/02 (2006.01) B63B 21/00 (2006.01) G01C 21/00 (2006.01) G05B 19/02 (2006.01)**
[25] EN
[54] **ENHANCED SYSTEM AND METHOD FOR DETANGLING AND PROTECTION OF AUTOMATIC FENDER POSITIONING SYSTEMS**
[54] **SYSTEME ET PROCEDE AMELIORES PERMETTANT DE DEMELER ET DE PROTEGER DES SYSTEMES DE POSITIONNEMENT DE DEFENSE AUTOMATIQUES**
[72] ARDITI, SHMUEL SAM, US
[71] ARDITI, SHMUEL SAM, US
[85] 2017-10-05
[86] 2016-04-06 (PCT/US2016/026271)
[87] (WO2016/168025)
[30] US (62/148,725) 2015-04-16
[30] US (62/153,193) 2015-04-27
[30] US (62/153,185) 2015-04-27
[30] US (62/157,857) 2015-05-06
[30] US (62/165,798) 2015-05-22
[30] US (62/200,089) 2015-08-02
[30] US (14/929,369) 2015-11-01
[30] US (14/981,858) 2015-12-28
[30] US (15/054,125) 2016-02-25

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[13] A1
[51] **Int.Cl. B23D 61/18 (2006.01) B28D 1/12 (2006.01)**
[25] EN
[54] **SAWING TOOL WITH SEVERAL DIAMOND SAW BLADES FOR CREATING A SURFACE STRUCTURE ON A ROAD SURFACE**
[54] **OUTIL DE SCIAGE COMPRENANT PLUSIEURS LAMES DE SCIE DIAMANTEES POUR FORMER UNE STRUCTURE DE SURFACE SUR UNE SURFACE DE ROUTE**
[72] REDICH, ALEXANDER, DE
[71] CEDIMA DIAMANTWERKZEUG-UND MASCHINENBAUGESELLSCHAFT MBH, DE
[85] 2017-10-16
[86] 2016-04-14 (PCT/EP2016/058199)
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[30] EP (15164093.5) 2015-04-17

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[13] A1
[51] **Int.Cl. A47K 3/00 (2006.01) A47K 5/00 (2006.01)**
[25] EN
[54] **VESSEL WITH RECESSED SOAP DISH AND INTEGRATED OVERFLOW DRAIN**
[54] **CUVE AVEC PORTE-SAVON ENCASTRE ET VIDANGE DE TROP-PLEIN INTEGREE**
[72] GLASER, TODD M., US
[71] GLASER, TODD M., US
[85] 2017-10-16
[86] 2016-04-12 (PCT/US2016/027083)
[87] (WO2016/168171)
[30] US (14/687,262) 2015-04-15

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[25] EN
[54] **TONER CARTRIDGE CONTAINER AND SEAL**
[54] **RECIPIENT ET JOINT D'ETANCHEITE DE CARTOUCHE DE TONER**
[72] NICHOLS, CHRISTOPHER ELTON, US
[72] MARTIN, JONATHAN W., US
[72] MITCHELL, THOMAS MATHEW, US
[72] LAIL, BRIAN EDWARD, US
[72] DANIELS, STEPHEN JOSEPH, US
[72] FARMER, ROBERT, US
[71] STATIC CONTROL COMPONENTS, INC., US
[85] 2017-10-16
[86] 2016-04-12 (PCT/US2016/027091)
[87] (WO2016/171954)
[30] US (62/150,005) 2015-04-20
[30] US (15/091,184) 2016-04-05

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[25] EN
[54] **COMPOSITIONS AND METHODS FOR TREATING BACTERIAL INFECTION**
[54] **COMPOSITIONS ET METHODES DE TRAITEMENT D'UNE INFECTION BACTERIENNE**
[72] HASSETT, DANIEL J., US
[71] UNIVERSITY OF CINCINNATI, US
[85] 2017-10-16
[86] 2016-03-10 (PCT/US2016/021765)
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[30] US (62/131,422) 2015-03-11

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[51] **Int.Cl. H01L 21/31 (2006.01) G03F 7/095 (2006.01)**
[25] EN
[54] **DUAL COATING AND LIFT-OFF METHOD FOR PROTECTING PATTERNED DIELECTRIC-METAL COATINGS**
[54] **PROCEDE DE REVETEMENT DOUBLE ET DE DECOLLEMENT POUR LA PROTECTION DE REVETEMENTS METALLIQUES DIELECTRIQUES A MOTIFS**
[72] POOL, JEFFREY, US
[71] OCEAN OPTICS, INC., US
[85] 2017-10-16
[86] 2016-04-13 (PCT/US2016/027190)
[87] (WO2016/168232)
[30] US (62/147,776) 2015-04-15
[30] US (15/097,342) 2016-04-13

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[13] A1
[51] **Int.Cl. A61M 15/00 (2006.01)**
[25] EN
[54] **DRY POWDER INHALERS WITH PARTIAL DOSAGE DELIVERY**
[54] **INHALATEURS DE POUDRE SECHE A DISTRIBUTION DE DOSAGE PARTIEL**
[72] STENZLER, ALEX, US
[72] HAN, STEVE, US
[72] SLUTSKY, ARTHUR, CA
[72] ELLIS, STEVEN, CA
[72] ZAMEL, NOE, CA
[72] ALSTON, WILLIAM, US
[71] SANSA CORPORATION (BARBADOS) INC., BB
[71] STENZLER, ALEX, US
[85] 2017-10-16
[86] 2016-04-13 (PCT/US2016/027240)
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[30] US (62/147,798) 2015-04-15

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[51] **Int.Cl. A61M 15/06 (2006.01) A24F 47/00 (2006.01) A61M 15/00 (2006.01)**
[25] EN
[54] **FLAVORING ELEMENT FOR AN INHALATION DEVICE**
[54] **ELEMENT D'AROMATISATION POUR UN DISPOSITIF D'INHALATION**
[72] STENZLER, ALEX, US
[72] HAN, STEVE, US
[72] SLUTSKY, ARTHUR, CA
[72] ELLIS, STEVEN, CA
[72] ZAMEL, NOE, CA
[72] NYAMBURA, BILDAD, GB
[71] SANSA CORPORATION (BARBADOS) INC., BB
[71] STENZLER, ALEX, US
[85] 2017-10-16
[86] 2016-04-13 (PCT/US2016/027255)
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[30] US (62/148,030) 2015-04-15

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[25] EN
[54] **COMPOSITE FABRICS COMBINING HIGH AND LOW STRENGTH MATERIALS**
[54] **TISSUS COMPOSITES COMBINANT MATERIAUX A FORTE ET FAIBLE RESISTANCE**
[72] WAGNER, LORI L., US
[72] TAYLOR, DALIA, US
[72] HURST, DAVID A., US
[72] DAVIS, GREGORY A., US
[72] AGRAWAL, SAMEER, US
[71] HONEYWELL INTERNATIONAL INC., US
[85] 2017-10-16
[86] 2016-04-14 (PCT/US2016/027410)
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[30] US (62/152,396) 2015-04-24
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[51] **Int.Cl. A61F 5/00 (2006.01) A43C 11/00 (2006.01) A44B 1/04 (2006.01) A44B 11/25 (2006.01) A44B 17/00 (2006.01)**
[25] EN
[54] **ORTHOTIC DEVICE WITH SNAP FIT CUFF AND LATCH MECHANISM**
[54] **ORTHESE COMPRENANT UNE COIFFE ENCLIQUETABLE ET UN MECANISME DE LOQUET**
[72] SIDDIQUI, MASOOD, US
[72] SKAHAN, MICHAEL S., US
[72] LUNAU, KEVIN R., US
[71] VISION QUEST INDUSTRIES INCORPORATED DBA VQ ORTHOCARE, US
[85] 2017-10-16
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[51] **Int.Cl. H05B 37/02 (2006.01)**
[25] EN
[54] **DIM-TO-WARM SYSTEM AND METHOD OF OPERATING THE SAME**
[54] **SYSTEME DE GRADATION VERS LE CHAUD ET PROCEDE POUR L'UTILISER**
[72] HAMILTON, DOUGLAS M., US
[72] MACKEY, ANTHONY M., US
[71] HUBBELL INCORPORATED, US
[85] 2017-10-16
[86] 2016-04-14 (PCT/US2016/027485)
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[25] EN
[54] **WATER TEMPERATURE MANAGEMENT SYSTEM**
[54] **SYSTEME DE GESTION DE TEMPERATURE D'EAU**
[72] LOONG, MENG, SG
[71] JVL ENGINEERING PTE LTD, SG
[85] 2017-07-06
[86] 2015-11-13 (PCT/SG2015/050450)
[87] (WO2017/078615)
[30] SG (10201509125T) 2015-11-05

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[25] EN
[54] **AUTOMATED BOP CONTROL AND TEST SYSTEM**
[54] **SYSTEME AUTOMATISE DE TEST ET DE COMMANDE D'UN OBTURATEUR ANTI-ERUPTION**
[72] HILPERT, CLIFFORD LEE, US
[72] HILPERT, JEFFERY, US
[71] ENGIP LLC, US
[85] 2017-10-06
[86] 2016-04-06 (PCT/US2016/026246)
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[30] US (62/143,995) 2015-04-07
[30] US (15/086,419) 2016-03-31

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[51] **Int.Cl. G06F 11/14 (2006.01) G06F 17/00 (2006.01) G06F 17/30 (2006.01)**
[25] EN
[54] **BACKUP AND RESTORE IN A DISTRIBUTED DATABASE UTILIZING CONSISTENT DATABASE SNAPSHOTS**
[54] **SAUVEGARDE ET RETABLISSEMENT DANS UNE BASE DE DONNEES REPARTIE UTILISANT DES INSTANTANES DE BASE DE DONNEES COHERENTS**
[72] SHAULL, ROSS R., US
[71] NUODB, INC., US
[85] 2017-10-16
[86] 2016-04-15 (PCT/US2016/027658)
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[25] EN
[54] **CD133+ CELLS AND METHOD FOR EXPANDING**
[54] **CELLULES CD133+ ET PROCEDE DE DEVELOPPEMENT**
[72] DENNER, LARRY, US
[72] URBAN, RANDALL J., US
[72] BODENBURG, YVONNE, US
[71] THE BOARD OF REGENTS, THE UNIVERSITY OF TEXAS SYSTEM, US
[71] DENNER, LARRY, US
[71] URBAN, RANDALL J., US
[71] BODENBURG, YVONNE, US
[85] 2017-10-16
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[87] (WO2016/168586)
[30] US (62/148,963) 2015-04-17

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[51] **Int.Cl. B01D 53/04 (2006.01) B01J 8/00 (2006.01) B01J 8/02 (2006.01) B01J 8/04 (2006.01)**
[25] EN
[54] **METHOD FOR PRODUCING A HORIZONTAL THROUGH FLOW ADSORBER AND DIVIDING WALL MODULE FOR USE IN SAID METHOD**
[54] **PROCEDE POUR LA FABRICATION D'UN ADSORBANT A ECOULEMENT HORIZONTAL ET MODULE DE PAROI DE SEPARATION DESTINE A ETRE UTILISE DANS CE PROCEDE**
[72] FERSTL, JOHANN, DE
[72] GRAHL, MATTHIAS, DE
[72] BADER, WOLFGANG, DE
[72] SCHNEIDER, HELKO, DE
[72] KEIL, PHILIPP, DE
[72] FIRLBECK, MICHAEL, DE
[72] HENTSCHEL, HARALD, DE
[71] LINDE AKTIENGESELLSCHAFT, DE
[85] 2017-08-01
[86] 2016-01-26 (PCT/EP2016/000130)
[87] (WO2016/134816)
[30] DE (10 2015 002 260.1) 2015-02-25
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[51] **Int.Cl. B64F 1/00 (2006.01) B64F 1/02 (2006.01)**
[25] EN
[54] **LANDING AND CHARGING SYSTEM FOR DRONES**
[54] **SYSTEME D'ATTERRISSAGE ET DE CHARGE DE DRONES**
[72] KRAUSS, RAN, IL
[72] KLINER, MEIR, IL
[71] AIROBOTICS LTD., IL
[85] 2017-07-31
[86] 2016-01-28 (PCT/IL2016/050094)
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[51] **Int.Cl. G01N 33/50 (2006.01) G01N 33/68 (2006.01)**
[25] EN
[54] **PREDICTING T CELL EPITOPES USEFUL FOR VACCINATION**
[54] **PREDICTION DES EPITOPES DE LYMPHOCYTES T UTILES POUR LA VACCINATION**
[72] SAHIN, UGUR, DE
[72] LOWER, MARTIN, DE
[72] TADMOR, ARBEL D., DE
[72] BOEGEL, SEBASTIAN, DE
[72] SCHRORS, BARBARA, DE
[72] VORMEHR, MATHIAS, DE
[72] KREITER, SEBASTIAN, DE
[71] BIONTECH RNA PHARMACEUTICALS GMBH, DE
[71] TRON - TRANSLATIONALE ONKOLOGIE AN DER UNIVERSITATSMEDIZIN DER JOHANNES GUTENBERG-UNIVERSITAT MAINZ GGMBH, DE
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[86] 2016-02-09 (PCT/EP2016/052684)
[87] (WO2016/128376)
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[51] **Int.Cl. C25B 11/03 (2006.01) C25B 1/10 (2006.01) C25B 9/08 (2006.01) C25B 13/04 (2006.01)**
[25] EN
[54] **DIAPHRAGM-ELECTRODE ASSEMBLY FOR USE IN ALKALINE WATER ELECTROLYSERS**
[54] **ENSEMBLE ELECTRODE-MEMBRANE POUR UNE UTILISATION DANS DES ELECTROLYSEURS DE SOLUTION AQUEUSE ALCALINE**
[72] REVERS, EDWARD EUGENE, US
[71] INDUSTRIE DE NORA S.P.A., IT
[85] 2017-08-01
[86] 2016-03-29 (PCT/EP2016/056801)
[87] (WO2016/156317)
[30] IT (102015902341451) 2015-03-30

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[51] **Int.Cl. G06F 9/45 (2006.01)**
[25] EN
[54] **METHOD, DEVICE AND SYSTEM FOR CREATING A MASSIVELY PARALLELISED EXECUTABLE OBJECT**
[54] **PROCEDE, DISPOSITIF ET SYSTEME DE CREATION D'UN OBJET EXECUTABLE MASSIVEMENT PARALLELISE**
[72] DURKOP, HENDRIK, DE
[72] ZIELINSKI, TOBIAS, DE
[72] ASLAN, HALIS, DE
[72] SAREMI, FARBOD, DE
[71] HYBRIDSERVER TEC IP GMBH, CH
[85] 2017-08-01
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[87] (WO2016/165969)
[30] EP (15163717.0) 2015-04-15

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[51] **Int.Cl. B65H 20/32 (2006.01) B65C 9/42 (2006.01) B65D 83/08 (2006.01) B65H 43/00 (2006.01)**
[25] EN
[54] **METHOD AND APPARATUS FOR CONTROLLING THE SPEED OF A CONTINUOUS SHEET OF MATERIAL**
[54] **PROCEDE ET APPAREIL DE COMMANDE DE LA VITESSE D'UNE FEUILLE DE CONTINUE DE MATERIAU**
[72] GORSUCH, JASON E., US
[72] ANDERSON, KENNETH D., US
[72] CRISMAN, ALEX V., US
[72] STOKES, THOMAS J., US
[71] BALL CORPORATION, US
[85] 2017-10-16
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[87] (WO2016/168636)
[30] US (62/149,079) 2015-04-17

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[51] **Int.Cl. C07D 487/04 (2006.01) A61K 31/519 (2006.01) C07D 239/94 (2006.01)**
[25] EN
[54] **CYCLOPENTA[D]PYRIMIDINES AND SUBSTITUTED CYCLOPENTA[D]PYRIMIDINES AS ANTITUBULIN AND MICROTUBULE TARGETING AGENTS, MONOCYCLIC PYRIMIDINES AS TUBULIN INHIBITORS, AND PYRROLOPYRIMIDINES AS TARGETED ANTIFOLATES AND TUBULIN AND MULTIPLE RECEPTOR TYROSINE KINASE INHIBITION AND ANTITUMOR AGENTS**
[54] **CYCLOPENTA[D]PYRIMIDINES ET CYCLOPENTA[D]PYRIMIDINES SUBSTITUEES UTILISEES EN TANT QU'AGENTS ANTITUBULINE ET DE CIBLAGE DE MICROTUBULES, PYRIMIDINES MONOCYCLIQUES UTILISEES EN TANT QU'INHIBITEURS DE TUBULINE, ET PYRROLOPYRIMIDINES UTILISEES EN TANT QU'ANTIFOLATES CIBLES ET AGENTS ANTITUMORAUX ET D'INHIBITION DE TUBULINE ET DE TYROSINE KINASE A RECEPTEURS M**
[72] GANGJEE, ALEEM, US
[71] DUQUESNE UNIVERSITY OF THE HOLY SPIRIT, US
[85] 2017-10-16
[86] 2016-04-15 (PCT/US2016/027807)
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[30] US (62/149,038) 2015-04-17

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[25] EN
[54] **METHOD AND DEVICE FOR MODIFYING CATALYST LAYER**
[54] **PROCEDE ET DISPOSITIF POUR MODIFIER UNE COUCHE DE CATALYSEUR**
[72] OKONOGI, HIROSHI, JP
[72] FUNAR, AUREL, JP
[72] NUMAO, YASUHIRO, JP
[72] KOSEMURA, TOORU, JP
[72] HIRAO, TAKAYUKI, JP
[72] NISHIMURA, KIMIO, JP
[71] NISSAN MOTOR CO., LTD., JP
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[51] **Int.Cl. G01F 1/76 (2006.01) A61M 15/00 (2006.01) A61M 16/20 (2006.01) G01P 5/26 (2006.01)**
[25] EN
[54] **OPTICAL FLOW MEASURING APPARATUS AND INHALATION APPARATUS COMPRISING THE SAME**
[54] **APPAREIL DE MESURE OPTIQUE DU DEBIT ET APPAREIL D'INHALATION LE COMPRENANT**
[72] VERJUS, ROMUALD, FR
[72] POREE, THIERRY, FR
[72] GUHEL, YANNICK, FR
[72] POUDEROUX, BERTRAND, FR
[72] BOUDART, BERTRAND, FR
[72] ANGILELLA, JEAN-REGIS, FR
[71] PROTECSOM AMERIQUE DU NORD INC., CA
[85] 2017-10-16
[86] 2016-04-18 (PCT/CA2016/050446)
[87] (WO2016/165029)
[30] US (62/149,019) 2015-04-17
[30] US (62/166,225) 2015-05-26
[30] US (62/233,524) 2015-09-28

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[13] A1
[51] **Int.Cl. A61B 5/0488 (2006.01) A61B 5/00 (2006.01)**
[25] EN
[54] **METHOD OF MONITORING A PATIENT FOR SEIZURE ACTIVITY**
[54] **PROCEDE DE SURVEILLANCE D'UN PATIENT AU SUJET D'UNE ACTIVITE EPILEPTIQUE**
[72] GIROUARD, MICHAEL R., US
[72] WHITMIRE, LUKE E., US
[71] BRAIN SENTINEL, INC., US
[85] 2017-10-16
[86] 2016-04-16 (PCT/US2016/028005)
[87] (WO2016/168777)
[30] US (62/149,434) 2015-04-17

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[51] **Int.Cl. E21B 33/129 (2006.01) E21B 23/06 (2006.01) E21B 33/12 (2006.01)**
[25] EN
[54] **TOOL AND SYSTEM FOR DOWNHOLE OPERATIONS AND METHODS FOR THE SAME**
[54] **OUTIL ET SYSTEME POUR DES OPERATIONS DE FOND DE TROU ET PROCEDES POUR CE DERNIER**
[72] DAVIES, EVAN, US
[72] VANLUE, DUKE, US
[71] DOWNHOLE TECHNOLOGY, LLC, US
[85] 2017-10-16
[86] 2016-04-17 (PCT/US2016/028010)
[87] (WO2016/168782)
[30] US (62/148,938) 2015-04-17

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[25] EN
[54] **COMPRESSOR VANE OR BLADE FOR ENGINE**
[54] **PALE DE COMPRESSEUR POUR MOTEUR**
[72] ARAKI, TAKAHITO, JP
[72] TANAKA, YUTA, JP
[72] KAKINUMA, KAZUHIKO, JP
[72] BABA, MASANOBU, JP
[72] OTERA, ISSEI, JP
[72] MORISHITA, KANA, JP
[72] KOSEKI, SHUHO, JP
[71] IHI CORPORATION, JP
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[54] **METHODS AND MATERIALS FOR USING TRANSGENIC NON-HUMAN ANIMALS EXPRESSING SODIUM IODIDE SYMPORTER POLYPEPTIDES TO MONITOR PATHOLOGICAL PROCESSES, DISEASE PROGRESSION, OR THERAPEUTICRESPONSES OVER TIME**
[54] **PROCEDES ET MATERIAUX POUR UTILISATION D'ANIMAUX NON-HUMAINS TRANSGENIQUES EXPRIMANT DES POLYPEPTIDES SYMPORTEURS D'IODURE DE SODIUM POUR SURVEILLER LES PROCESSUS PATHOLOGIQUES, LA PROGRESSION DE LA MALADIE OU DES REPONSES THERAPEUTIQUES AVEC LE TEMPS**
[72] PENG, KAH-WHYE, US
[72] RUSSELL, STEPHEN JAMES, US
[72] LECH, PATRYCJA, US
[72] SUKSANPAISAN, LUKKANA, US
[71] MAYO FOUNDATION FOR MEDICAL EDUCATION AND RESEARCH, US
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[25] EN
[54] **METHODS FOR DETECTING AGGLUTINATION AND COMPOSITIONS FOR USE IN PRACTICING THE SAME**
[54] **PROCEDES DE DETECTION D'UNE AGGLUTINATION ET COMPOSITIONS DESTINEES A ETRE UTILISEES DANS LA PRATIQUE DE CEUX-CI**
[72] ROBINSON, PETER, US
[72] TSAI, CHENG-TING, US
[72] BERTOZZI, CAROLYN, US
[71] THE REGENTS OF THE UNIVERSITY OF CALIFORNIA, US
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[54] **FLOOR BOX COVER**
[54] **COUVERCLE POUR BOITE DE SOL**
[72] SCANZILLO, THOMAS L., US
[72] MARCHETTI, MICHAEL J., US
[72] CARBONE, CHRISTOPHER A., US
[72] PAPAGEORGE, RYAN G., US
[71] HUBBELL INCORPORATED, US
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[51] **Int.Cl. C12Q 1/68 (2006.01) A61K 38/17 (2006.01)**
[25] EN
[54] **METHODS FOR TREATING MYELOPROLIFERATIVE DISORDERS**
[54] **PROCEDES DE TRAITEMENT DE TROUBLES MYELOPROLIFERATIFS**
[72] TREHU, ELIZABETH, US
[72] JACK, RICHARD M., US
[71] PROMEDIOR, INC., US
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[25] EN
[54] **APPARATUS AND METHOD FOR THE REMOVAL OF UNWANTED INCLUSIONS FROM METAL MELTS**
[54] **APPAREIL ET PROCEDE POUR LE RETRAIT D'INCLUSIONS NON SOUHAITEES DE MATIERE FONDUE METALLIQUE**
[72] TUNDAL, ULF, NO
[72] STEEN, IDAR KJETIL, NO
[72] FAGERLIE, JOHN OLAV, NO
[72] HAUGEN, TERJE, NO
[71] NORSK HYDRO ASA, NO
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[51] **Int.Cl. C04B 9/04 (2006.01) C04B 12/02 (2006.01)**
[25] EN
[54] **MAGNESIUM-BASED CEMENTS AND SLURRY PRECURSORS FOR THE SAME**
[54] **CIMENTS A BASE DE MAGNESIUM ET PRECURSEURS EN SUSPENSION ASSOCIES**
[72] SHAND, MARK ALEXANDER, US
[72] HAYNES, C. MATT, US
[72] JONES, PAUL DOUGLAS, US
[72] WARREN, WILLIAM DAVID, US
[71] PREMIER MAGNESIA, LLC, US
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[25] EN
[54] **FLOOR BOX AND METHOD OF INSTALLING**
[54] **BOITIER DE SOL ET SON PROCEDE D'INSTALLATION**
[72] SCANZILLO, THOMAS L., US
[72] MARCHETTI, MICHAEL J., US
[72] CARBONE, CHRISTOPHER A., US
[72] PAPAGEORGE, RYAN G., US
[71] HUBBELL INCORPORATED, US
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[54] **RADIO FREQUENCY POWER SENSOR HAVING A NON-DIRECTIONAL COUPLER**
[54] **CAPTEUR DE PUISSANCE A RADIOFREQUENCE AYANT UN COUPLEUR NON DIRECTIONNEL**
[72] HOLT, TIMOTHY L., US
[71] BIRD TECHNOLOGIES GROUP, INC., US
[85] 2017-10-16
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[25] EN
[54] **MICROBIOME REGULATORS AND RELATED USES THEREOF**
[54] **REGULATEURS DU MICROBIOME ET LEURS UTILISATIONS ASSOCIEES**
[72] VON MALTZAHN, GEOFFREY A., US
[72] GEREMIA, JOHN M., US
[71] KALEIDO BIOSCIENCES, INC., US
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[25] EN
[54] **APPARATUS AND METHOD FOR PROVIDING A DIGITAL GARAGE**
[54] **APPAREIL ET PROCEDE PERMETTANT DE FOURNIR UN GARAGE NUMERIQUE**
[72] AQUILA, ANTHONY, US
[72] LOWELL, NEAL, US
[71] AUDATEX NORTH AMERICA, INC., US
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[86] 2016-04-25 (PCT/US2016/029241)
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[54] **METHOD FOR MAKING A FERMENTED WHEY PROTEIN PRODUCT**
[54] **PROCEDE DE FABRICATION D'UN PRODUIT DE PROTEINES DE LACTOSERUM FERMENTE**
[72] MOSS, MELINDA, US
[72] PETERSEN, BRENT, US
[72] PALMER, NIELS, US
[71] GLANBIA NUTRITIONALS (IRELAND) LTD., IE
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[25] EN
[54] **HIGH THROUGHPUT BH3 PROFILING: A RAPID AND SCALABLE TECHNOLOGY TO BH3 PROFILE ON LOW NUMBERS OF CELLS**
[54] **PROFILAGE BH3 A HAUT RENDEMENT : UNE TECHNOLOGIE RAPIDE ET ECHELONNABLE POUR UN PROFIL BH3 SUR UN FAIBLE NOMBRE DE CELLULES**
[72] LETAI, ANTHONY, US
[72] BHOLA, PATRICK, US
[72] RYAN, JEREMY, US
[71] DANA-FARBER CANCER INSTITUTE, INC., US
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[25] EN
[54] **METHODS FOR SCREENING BACTERIA, ARCHAEA, ALGAE, AND YEAST USING CRISPR NUCLEIC ACIDS**
[54] **PROCEDES POUR LE CRIBLAGE DE BACTERIES, D'ARCHEES, D'ALGUES ET DE LEVURE A L'AIDE D'ACIDES NUCLEIQUES CRISPR**
[72] BARRANGOU, RODOLPHE, US
[72] SELLE, KURT M., US
[71] NORTH CAROLINA STATE UNIVERSITY, US
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[25] EN
[54] **COMPOSITIONS AND METHODS FOR ASSESSING TOXICITY USING DYNAMIC BH3 PROFILING**
[54] **COMPOSITIONS ET METHODES D'EVALUATION DE TOXICITE AU MOYEN D'UN PROFILAGE BH3 DYNAMIQUE**
[72] LETAI, ANTHONY, US
[72] BHOLA, PATRICK, US
[72] RYAN, JEREMY, US
[71] DANA-FARBER CANCER INSTITUTE, INC., US
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[54] **SYSTEMS AND METHODS FOR TARGETED UVB PHOTOTHERAPY FOR AUTOIMMUNE DISORDERS AND OTHER INDICATIONS**
[54] **SYSTEMES ET PROCEDES POUR PHOTOTHERAPIE UVB CIBLEE POUR DES TROUBLES AUTO-IMMUNS ET D'AUTRES INDICATIONS**
[72] MOFFAT, WILLIAM A., US
[71] BENESOL, INC., US
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[25] EN
[54] **DRY POWDER INHALER AND METHOD OF USE**
[54] **INHALATEUR DE POUDRE SECHE ET PROCEDE D'UTILISATION**
[72] STENZLER, ALEX, US
[72] HAN, STEVE, US
[72] SLUTSKY, ARTHUR, CA
[72] ELLIS, STEVEN, CA
[72] ZAMEL, NOE, CA
[72] ALSTON, WILLIAM, US
[71] SANSA CORPORATION (BARBADOS) INC., BB
[71] STENZLER, ALEX, US
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[25] EN
[54] **MULTI-VALENT HUMAN IMMUNODEFICIENCY VIRUS ANTIGEN BINDING MOLECULES AND USES THEREOF**
[54] **MOLECULES MULTIVALENTES DE LIAISON A UN ANTIGENE DU VIRUS DE L'IMMUNODEFICIENCE HUMAINE ET LEURS UTILISATIONS**
[72] KEYT, BRUCE, US
[72] STINCHCOMB, DAN T., US
[72] OLSEN, OLE A., US
[71] IGM BIOSCIENCES, INC., US
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[25] EN
[54] **METHOD AND SYSTEM FOR THE GENERATION OF OPTICAL MULTIPARTITE QUANTUM STATES**
[54] **PROCEDE ET SYSTEME POUR LA GENERATION D'ETATS QUANTIQUES MULTIPARTITES OPTIQUES**
[72] REIMER, CHRISTIAN, CA
[72] KUES, MICHAEL, CA
[72] WETZEL, BENJAMIN, CA
[72] ROZTOCKI, PIOTR, CA
[72] JESTIN, YOANN, CA
[72] GRAZIOSO, FABIO, CA
[72] MORANDOTTI, ROBERTO, CA
[71] INSTITUT NATIONAL DE LA RECHERCHE SCIENTIFIQUE, CA
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[54] **MAGNETORHEOLOGICAL FLUID CLUTCH APPARATUS WITH CYLINDRICAL FLUID GAP**
[54] **APPAREIL D'EMBRAYAGE A FLUIDE MAGNETORHEOLOGIQUE AVEC ENTREFER A FLUIDE CYLINDRIQUE**
[72] PLANTE, JEAN-SEBASTIEN, CA
[72] DENNINGER, MARC, CA
[72] JULIO, GUIFRE, CA
[72] CHOUINARD, PATRICK, CA
[72] LAROSE, PASCAL, CA
[71] EXONETIK INC., CA
[85] 2017-10-17
[86] 2016-04-21 (PCT/CA2016/050464)
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[54] **WIRELESSLY CONTROLLED LIGHTING DEVICE**
[54] **DISPOSITIF D'ECLAIRAGE COMMANDE SANS FIL**
[72] RAZA, SYED A., US
[72] DAL PONTE, DEAN, US
[72] TOMS, SHAUN ROBERT, US
[71] HUBBELL INCORPORATED, US
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[51] **Int.Cl. C07D 471/04 (2006.01) A61K 31/52 (2006.01) A61P 9/00 (2006.01)**
[25] EN
[54] **HETEROCYCLIC-IMIDAZOLE COMPOUNDS, PHARMACEUTICAL COMPOSITIONS THEREOF, PREPARATION METHOD THEREFOR AND USE THEREOF**
[54] **COMPOSES D'IMIDAZOLE HETEROCYCLIQUES, COMPOSITIONS PHARMACEUTIQUES LES CONTENANT, LEUR PROCEDE DE PREPARATION ET UTILISATION**
[72] FAN, XING, CN
[72] QIN, JIHONG, CN
[71] SHANGHAI HUILUN LIFE SCIENCE & TECHNOLOGY CO., LTD, CN
[85] 2017-10-17
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[25] EN
[54] **PURINYL-N-HYDROXYL PYRIMIDINE FORMAMIDE DERIVATIVE, PREPARATION METHODS AND USES THEREOF**
[54] **DERIVES DE PURINYL-N-HYDROXYLPYRIMIDINE-FORMAMIDE, LEUR PROCEDE DE PREPARATION ET LEUR UTILISATION**
[72] CHEN, LIJUAN, CN
[72] WEI, YUQUAN, CN
[71] GUIZHOU BAILING ENTERPRISE GROUP PHARMACEUTICAL CO., LTD., CN
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[25] EN
[54] **COAXIAL TWO-LAYERED PARACHUTE**
[54] **PARACHUTE A DEUX COUCHES COAXIAL**
[72] LIAO, SHUEH-CHIH, TW
[71] LIAO, SHUEH-CHIH, CN
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[54] **INDICATOR POST**
[54] **POTEAU INDICATEUR**
[72] RANDALL, DARRAN JAMES, AU
[72] NORTON, RALPH EDWARD, AU
[72] TRETHEWIE, ROGER CLIVE, AU
[71] ROADSIDE PRODUCTS PTY LTD, AU
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[54] **OPTICAL FIBRE SENSOR SYSTEM**
[54] **SYSTEME DE CAPTEUR A FIBRE OPTIQUE**
[72] GEIGER, HANS, DE
[71] MIC AG, DE
[71] ZINTERA CORPORATION, US
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[51] **Int.Cl. A61L 2/08 (2006.01) B01D 15/20 (2006.01)**
[25] EN
[54] **METHOD FOR STERILIZING A CHROMATOGRAPHY MATERIAL AND SUBSEQUENTLY STERILIZED CHROMATOGRAPHY MATERIAL**
[54] **PROCEDE DE STERILISATION DE MATERIEL DE CHROMATOGRAPHIE ET MATERIEL DE CHROMATOGRAPHIE STERILISE**
[72] LEUTHOLD, MARTIN, DE
[72] VILLAIN, LOUIS, DE
[72] TAFT, FLORIAN, DE
[71] SARTORIUS STEDIM BIOTECH GMBH, DE
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[25] EN
[54] **HISTORY-BASED KEY PHRASE SUGGESTIONS FOR VOICE CONTROL OF A HOME AUTOMATION SYSTEM**
[54] **SUGGESTIONS DE PHRASES CLES BASEES SUR UN HISTORIQUE POUR PERMETTRE UNE COMMANDE VOCALE D'UN SYSTEME D'AUTOMATISATION DOMESTIQUE**
[72] CIPOLLO, NICHOLAS J., US
[72] KITSON, RYAN E., US
[72] KATSIRIS, GEORGE T., US
[71] SAVANT SYSTEMS, LLC, US
[85] 2017-10-16
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[25] EN
[54] **TWO-WHEELER STANDING VEHICLE**
[54] **VEHICULE VERTICAL A DEUX ROUES**
[72] LEPAGE, JEREMIE, CA
[71] LEPAGE, JEREMIE, CA
[85] 2017-10-17
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[25] EN
[54] **SOLAR MODULE COMPRISING A STONE FRAME**
[54] **MODULE SOLAIRE AVEC CADRE EN PIERRE**
[72] KUSE, KOLJA, DE
[71] KUSE, KOLJA, DE
[85] 2017-10-17
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[25] EN
[54] **CONVEYOR FOR WEB**
[54] **TRANSPORTEUR DE TOILE**
[72] ERKELENZ, WILLI, DE
[71] VITS TECHNOLOGY GMBH, DE
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[54] **RESERVOIR DE FLUIDE PORTABLE ET SON PROCEDE DE FABRICATION**
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[71] 2454223 ONTARIO INC. OPERATING AS HANDY HYDRANT, CA
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[54] **RECIPIENT DE STOCKAGE MAINS LIBRES**
[72] SATWICZ, JEFF, US
[72] MENICE, KEVIN, US
[72] SKOCYPEC, DAVID, US
[72] OLSEN, TOM, US
[72] PHILLIPS, BRIAN, US
[72] FELDMAN, MICHAEL E., US
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[54] **PROCEDE DE PURIFICATION DE PROTEINES**
[72] HEYWOOD, SAM PHILIP, GB
[72] WILD, GAVIN BARRY, GB
[71] UCB BIOPHARMA SPRL, BE
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[54] **IMPROVEMENT TO TEAT CUP, MILKING HEAD AND MILKING OPERATIONS**
[54] **AMELIORATION POUR GOBELET TRAYEUR, TETE DE TRAITE ET OPERATIONS DE TRAITE**
[72] ROUSSEAU, VICTOR, CA
[71] MILKOMAX, SOLUTIONS LAITIERES INC., CA
[85] 2017-10-17
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[54] **A BOILER SYSTEM**
[54] **SYSTEME DE CHAUDIERE**
[72] KIELY, PAT, IE
[71] KIELY, PAT, IE
[85] 2017-10-17
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[54] **ECUELLE**
[72] HIRSCHL, MARKUS, DE
[71] OGILVY & MATHER DUSSELDORF GMBH, DE
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[25] EN
[54] **STRUCTURE WITH BREATHABLE FABRIC FOR THE PRODUCTION OF BALLISTIC AND STAB-RESISTANT PROTECTIONS**
[54] **STRUCTURE AVEC TISSU RESPIRABLE POUR LA PRODUCTION DE PROTECTIONS BALISTIQUES ET RESISTANT AUX COUPS DE COUTEAU**
[72] GIORGIO, CITTERIO, IT
[72] FILIPPO, CITTERIO, IT
[71] SOCIETA' PER AZIONI FRATELLI CITTERIO, IT
[85] 2017-10-17
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[54] **MATERIAUX FERREUX INFILTRES**
[72] TUFFILE, CHARLES D., US
[72] LEMKE, HARALD, US
[72] MACK, PATRICK E., US
[71] THE NANOSTEEL COMPANY, INC., US
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[25] EN
[54] **NOVEL PEPTIDES AND COMBINATION OF PEPTIDES FOR USE IN IMMUNOTHERAPY AGAINST LUNG CANCER, INCLUDING NSCLC AND OTHER CANCERS**
[54] **NOUVEAUX PEPTIDES ET COMBINAISON DE PEPTIDES A UTILISER DANS L'IMMUNOTHERAPIE DU CANCER DU POUMON, Y COMPRIS LE CPNPC ET D'AUTRES CANCERS**
[72] MAHR, ANDREA, DE
[72] WEINSCHENK, TONI, DE
[72] SCHOOR, OLIVER, DE
[72] FRITSCHE, JENS, DE
[72] SINGH, HARPREET, DE
[72] WAGNER, CLAUDIA, DE
[72] LEIBOLD, JULIA, DE
[72] SONG, COLETTE, DE
[71] IMMATICS BIOTECHNOLOGIES GMBH, DE
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[25] FR
[54] **METHOD FOR PRODUCING A PACKAGED PORTION OF A FOOD PRODUCT AND PORTION PRODUCED BY SAID METHOD**
[54] **PROCEDE DE PRODUCTION D'UNE PORTION EMBALLEE DE PRODUIT ALIMENTAIRE, ET PORTION OBTENUE PAR CE PROCEDE**
[72] VERNIER, ALEXANDRE, FR
[71] FROMAGERIES BEL, FR
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[54] **COMBINATION THERAPY FOR NON-SMALL CELL LUNG CANCER POSITIVE FOR EGFR MUTATION**
[54] **POLYTHERAPIE POUR CANCER DU POUMON NON A PETITES CELLULES POSITIF POUR MUTATION DE L'EGFR**
[72] DAR, MOHAMMED M., US
[72] KARAKUNNEL, JOYSON J., US
[72] JIANG, HAIYI, CN
[72] KIRKBY, MAXWELL J., CN
[71] MEDIMMUNE LIMITED, GB
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[54] **METHODS FOR INCREASING PERFORMANCE CHARACTERISTICS IN OFFSPRING**
[54] **PROCEDES POUR AUGMENTER LES CARACTERISTIQUES DE PERFORMANCE DANS UN DESCENDANT**
[72] CASEBOLT, BRETT, US
[72] MUSSER, ROBERT ELDON, US
[72] HAGEN, CHAD D., US
[71] PURETEIN BIOSCIENCE LLC, US
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[54] **PROCEDE ET DISPOSITIF DE CONTROLE DE REACTION**
[72] DUBOIS, MICHEL, BE
[71] COCKERILL MAINTENANCE & INGENIERIE S.A., BE
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[54] **COMPRESSOR COMPRISING A GUIDE VANE HAVING A WASHING SYSTEM**
[54] **COMPRESSEUR POURVU D'UNE AUBE DIRECTRICE A SYSTEME DE LAVAGE**
[72] METZ, KOLJA, DE
[72] WACKER, CHRISTIAN, DE
[71] MAN DIESEL & TURBO SE, DE
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[54] **FERMENTER FOR THE PRODUCTION OF A SHEAR THINNING MEDIUM**
[54] **FERMENTEUR DESTINE A LA PRODUCTION D'UN MILIEU DE FLUIDISATION PAR CISAILLEMENT**
[72] SCHOLZ, ALEXANDER, DE
[72] LEHR, FLORIAN, DE
[72] ROLLIE, SASCHA, DE
[72] FLECK, CHRISTIAN, DE
[72] HOFINGER, JULIA, DE
[72] POLLMER, NADJA, DE
[72] DIENES, CHRISTIAN, DE
[72] SCHREIBER, MICHAEL, DE
[71] WINTERSHALL HOLDING GMBH, DE
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[54] **LASER SINTERED DIE SURFACE FOR A TOOL**
[54] **SURFACE DE MATRICE FRITTEE AU LASER POUR UN OUTIL**
[72] FABISCHEK, MARK ANTHONY, CA
[71] MAGNA INTERNATIONAL INC., CA
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[54] **LIPID BASED NANOCARRIER COMPOSITIONS LOADED WITH METAL NANOPARTICLES AND THERAPEUTIC AGENT**
[54] **COMPOSITIONS DE NANOVECTEURS A BASE DE LIPIDES CHARGEES DE NANOPARTICULES METALLIQUES ET D'UN AGENT THERAPEUTIQUE**
[72] BARTHELEMY, PHILIPPE, FR
[72] OUMZIL, KHALID, FR
[72] CLOFENT-SANCHEZ, GISELE, FR
[72] JACOBIN-VALAT, MARIE-JOSEE, FR
[72] LAROCHE-TRAINEAU, JEANNY, FR
[72] MORNET, STEPHANE, FR
[72] GAUDIN, KAREN, FR
[72] NOUBHANI, ABDELMAJID, FR
[72] SANTARELLI, XAVIER-FRANCOIS, FR
[71] INSTITUT POLYTECHNIQUE DE BORDEAUX (IPB), FR
[71] UNIVERSITE DE BORDEAUX, FR
[71] INSTITUT NATIONAL DE LA SANTE ET DE LA RECHERCHE MEDICALE (INSERM), FR
[71] CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE (CNRS), FR
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[54] **SYSTEME D'ASCENSEUR AVEC GENERATION D'APPEL PREDICTIVE**
[72] TROESCH, FLORIAN, CH
[72] FRIEDLI, PAUL, CH
[71] INVENTIO AG, CH
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[54] **A COMPOSITE PRODUCT AND A PROCESS FOR PRODUCING SAID PRODUCT**
[54] **PRODUIT COMPOSITE ET PROCEDE DE PRODUCTION DE CE PRODUIT**
[72] PYNNONEN, JANNE, SE
[72] MAYES, DUNCAN, SE
[71] STORA ENSO OYJ, FI
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[54] **APPARATUS AND METHOD FOR AUTOMATICALLY OBTAINING FLESH FROM BEHEADED AND GUTTED FISH**
[54] **DISPOSITIF ET PROCEDE PERMETTANT D'EXTRAIRE AUTOMATIQUEMENT LA CHAIR DE POISSONS ETETES ET VIDES**
[72] FINKE, HANS, DE
[72] JURS, MICHAEL, DE
[72] GRABAU, THOMAS, DE
[71] NORDISCHER MASCHINENBAU RUD. BAADER GMBH + CO. KG, DE
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[54] **RESISTIVE IMPLANT WELDING CARBON FIBER COMPOSITE THERMOPLASTICS**
[54] **SOUDAGE PAR IMPLANT RESISTIF DE THERMOPLASTIQUES COMPOSITES EN FIBRES DE CARBONE**
[72] GRGAC, STEVEN, CA
[72] ELAGHA, AHMED, CA
[71] MAGNA INTERNATIONAL INC., CA
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[54] **PRESSED COMPONENT MANUFACTURING METHOD, PRESSED COMPONENT, AND PRESSING APPARATUS**
[54] **PROCEDE PERMETTANT DE PRODUIRE UN PRODUIT MOULE A LA PRESSE, PRODUIT MOULE A LA PRESSE ET DISPOSITIF DE PRESSAGE**
[72] KUBO, MASAHIRO, JP
[72] YOSHIDA, HIROSHI, JP
[72] MIYAGI, TAKASHI, JP
[72] SUZUKI, TOSHIYA, JP
[72] NAKAZAWA, YOSHIAKI, JP
[71] NIPPON STEEL & SUMITOMO METAL CORPORATION, JP
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[54] **GARMENT PROVIDED WITH JOINT SUPPORTER SECTION, AND KNEE SUPPORTER**
[54] **VETEMENT A PARTIE DE SUPPORT D'ARTICULATION, ET SUPPORT DE GENOU**
[72] ITO, TOMOAKI, JP
[72] IIDA, KENJI, JP
[72] YASUI, MOTOYASU, JP
[72] ITO, SHIORI, JP
[72] NAKAI, KAZUOKI, JP
[72] SAIKAWA, FUMIAKI, JP
[71] MITSUI CHEMICALS, INC., JP
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[54] **AEROSOL-GENERATING ARTICLE AND METHOD FOR MANUFACTURING AEROSOL-GENERATING ARTICLES**
[54] **ARTICLE GENERATEUR D'AEROSOL ET PROCEDE DE FABRICATION D'ARTICLES GENERATEURS D'AEROSOL**
[72] MINZONI, MIRKO, CH
[71] PHILIP MORRIS PRODUCTS S.A., CH
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[25] EN
[54] **COMPOSITION FOR FACILITATING PRODUCTION OF BRAIN-DERIVED NEUROTROPHIC FACTOR**
[54] **COMPOSITION POUR FACILITER LA PRODUCTION DU FACTEUR NEUROTROPHIQUE DERIVE DU CERVEAU**
[72] NATSUME, MIDORI, JP
[72] OHSHIBA, YUKIO, JP
[72] YAMAJI, TAKETO, JP
[72] ITO, HIROYUKI, JP
[72] OSAWA, TOSHIHIKO, JP
[71] MEIJI CO., LTD., JP
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[54] **CONCEPTS FOR DETECTING A DETERIORATION STATE OF A LOAD BEARING CAPACITY IN A SUSPENSION MEMBER ARRANGEMENT FOR AN ELEVATOR**
[54] **CONCEPTS DE DETECTION D'UN ETAT DE DETERIORATION D'UNE FORCE PORTANTE DANS UN AGENCEMENT D'ELEMENT DE SUSPENSION POUR UN ASCENSEUR**
[72] ROBIBERO, VINCENT, US
[72] HEINZ, KURT, CH
[72] LINDEGGER, URS, CH
[72] HENNEAU, PHILIPPE, CH
[71] INVENTIO AG, CH
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[30] US (62/199,375) 2015-07-31
[30] US (14/814,558) 2015-07-31
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[54] **COMBINATION DOLLY-PALLETS**
[54] **PALETTES ROULANTES COMBINEES**
[72] NUSSBAUM, ROBERT GUY, US
[72] THOMPSON, BENJAMIN JOEL, US
[72] BUSS, SCOTT JAMES, US
[71] LOADHOG LIMITED, GB
[85] 2017-10-17
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[25] EN
[54] **NOTIFICATION CONTROL DEVICE, NOTIFICATION CONTROL METHOD, AND NOTIFICATION CONTROL PROGRAM**
[54] **DISPOSITIF DE COMMANDE DE NOTIFICATION, PROCEDE DE COMMANDE DE NOTIFICATION ET PROGRAMME DE COMMANDE DE NOTIFICATION**
[72] OHNO, TOMOHIRO, JP
[71] NEC PLATFORMS, LTD., JP
[85] 2017-10-17
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[25] EN
[54] **TELEPHONE SYSTEM, EXCHANGE, TELEPHONE EXCHANGING METHOD, AND TELEPHONE EXCHANGING PROGRAM**
[54] **SYSTEME DE TELEPHONIE, CENTRAL, PROCEDE DE CENTRAL TELEPHONIQUE, ET PROGRAMME DE CENTRAL TELEPHONIQUE**
[72] NAGAI, KAZUKI, JP
[71] NEC PLATFORMS, LTD., JP
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[54] **REFROIDISSEUR D'EAU PORTABLE**
[72] DIACO, RALPH, US
[71] DIACO, RALPH, US
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[25] EN
[54] **METHOD FOR PRODUCING ALUMINIUM-SCANDIUM ALLOY AND REACTOR FOR IMPLEMENTING THE METHOD**
[54] **PROCEDE DE PRODUCTION D'ALLIAGE ALUMINIUM-SCANDIUM ET REACTEUR POUR SA MISE EN OEUVRE**
[72] MANN, VIKTOR KHRIST'YANOVICH, RU
[72] PINGIN, VITALIY VALER'EVICH, RU
[72] VINOGRADOV, DMITRIY ANATOLEVICH, RU
[72] KHRAMOV, DENIS SERGEEVICH, RU
[71] OBSHCHESTVO S OGRANICHENNOY OTVETSTVENNOST'YU "OBEDINENNAYA KOMPANIYA RUSAL INZHENERNO-TEKHNOLOGICHESKIY TSENTR", RU
[85] 2017-10-17
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[87] (WO2016/171589)
[30] RU (2015115260) 2015-04-22
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[51] **Int.Cl. A47B 95/00 (2006.01) F16B 12/26 (2006.01)**
[25] EN
[54] **PANEL WITH A FASTENING DEVICE**
[54] **PANNEAU A DISPOSITIF DE FIXATION**
[72] BOO, CHRISTIAN, SE
[72] DERELOV, PETER, SE
[72] PALSSON, AGNE (DECEASED), SE
[71] VALINGE INNOVATION AB, SE
[85] 2017-10-17
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[30] SE (1550538-1) 2015-04-30

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[51] **Int.Cl. F21V 23/00 (2015.01) F21V 21/02 (2006.01) H05B 33/08 (2006.01)**
[25] EN
[54] **LUMINAIRE WITH INDEPENDENTLY CONTROLLED LIGHT OUTPUT**
[54] **LUMINAIRE A SORTIE DE LUMIERE COMMANDEE INDEPENDAMMENT**
[72] OGG, JEREMY W., US
[72] BAKER, DEREK B., US
[72] CENTAZZO, MICHAEL J., US
[72] PASSERELLO, CORY A., US
[71] HUBBELL INCORPORATED, US
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[51] **Int.Cl. A61L 2/10 (2006.01)**
[25] EN
[54] **CATHETER CONNECTION SYSTEM FOR ULTRAVIOLET LIGHT DISINFECTION**
[54] **SYSTEME DE RACCORDEMENT DE CATHETER POUR DESINFECTION A LA LUMIERE ULTRAVIOLETTE**
[72] LANCE, JUSTIN A., US
[72] BOWER, STEPHEN, US
[72] ASHLEY, JOHN, US
[72] ETTER, JEFFREY, US
[72] RASOOLY, JULIA A., US
[72] RASOOLY, MICHAEL, US
[72] ARNETT, BENJAMIN, US
[71] PURACATH MEDICAL, INC., US
[85] 2017-10-17
[86] 2016-03-18 (PCT/US2016/023207)
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[30] US (62/135,080) 2015-03-18
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[25] EN
[54] **TOLL-LIKE RECEPTOR 4 ANTAGONISTS AND USE IN AUTOIMMUNE LIVER DISEASES**
[54] **ANTAGONISTES DU RECEPTEUR DE TYPE TOLL 4 ET SON UTILISATION DANS DES MALADIES HEPATIQUES AUTO-IMMUNES**
[72] WU, EDWIN SC, US
[72] CHIU, PETER JS, US
[72] HSU, MEI-CHI, TW
[72] SHIH, YING-CHU, TW
[71] TAIWANJ PHARMACEUTICALS CO., LTD., TW
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[30] US (62/138,216) 2015-03-25

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[51] **Int.Cl. C12N 15/10 (2006.01) C12P 19/34 (2006.01) C12Q 1/68 (2006.01)**
[25] EN
[54] **BARCODING SYSTEMS AND METHODS FOR GENE SEQUENCING AND OTHER APPLICATIONS**
[54] **SYSTEMES DE CODES BARRES ET PROCEDES DE SEQUENCAGE DE GENES ET AUTRES APPLICATIONS**
[72] WEITZ, DAVID A., US
[72] ZHANG, HUIDAN, US
[72] HEYMAN, JOHN, US
[72] KLEIN, ALLON MOSHE, US
[71] PRESIDENT AND FELLOWS OF HARVARD COLLEGE, US
[85] 2017-10-17
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[25] EN
[54] **FORMULATIONS OF L-ORNITHINE PHENYLACETATE**
[54] **FORMULATIONS DE PHENYLACETATE DE L-ORNITHINE**
[72] RUETTIMANN, KENNETH, US
[72] COFFIN, MARK, US
[72] BERNSTEIN, JAMES, US
[72] GOODSON, GARY, US
[72] WANG, LAURENE, US
[71] OCERA THERAPEUTICS, INC., US
[85] 2017-10-17
[86] 2016-04-19 (PCT/US2016/028298)
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[30] US (62/150,238) 2015-04-20
[30] US (62/150,676) 2015-04-21
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[51] **Int.Cl. C08L 23/02 (2006.01) C08L 23/26 (2006.01)**
[25] EN
[54] **POROUS CYCLODEXTRIN POLYMERIC MATERIALS AND METHODS OF MAKING AND USING SAME**
[54] **MATERIAUX POLYMERES POREUX A BASE DE CYCLODEXTRINE ET LEURS PROCEDES DE FABRICATION ET D'UTILISATION**
[72] DICHTEL, WILLIAM R., US
[72] ALSBAIEE, ALAAEDDIN, US
[72] SMITH, BRIAN J., US
[72] HINESTROZA, JUAN, US
[72] ALZATE-SANCHEZ, DIEGO, US
[72] XIAO, LEILEI, US
[72] LING, YUHAN, US
[72] HELBLING, DAMIAN, US
[71] CORNELL UNIVERSITY, US
[85] 2017-10-17
[86] 2016-04-19 (PCT/US2016/028304)
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[25] EN
[54] **PROCESS FOR THE MANUFACTURE OF A CROSSLINKABLE COMPOSITION**
[54] **PROCEDE DE PRODUCTION D'UNE COMPOSITION RETICULABLE**
[72] DE WOLF, ELWIN ALOYSIUS CORNELIUS ADRIANUS, NL
[72] THYS, FERRY LUDOVICUS, BE
[72] BRINKHUIS, RICHARD HENDRIKUS GERRIT, NL
[72] MANGNUS-VERHAGEN, NICOLE, NL
[72] BUSER, ANTONIUS JOHANNES WILHELMUS, NL
[71] ALLNEX NETHERLANDS B.V., NL
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[86] 2016-04-15 (PCT/EP2016/058427)
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[30] NL (2014666) 2015-04-17

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[51] **Int.Cl. C09D 167/02 (2006.01) C08J 3/24 (2006.01)**
[25] EN
[54] **ADHESION PROMOTOR FOR REAL MICHAEL ADDITION CROSSLINKABLE COMPOSITIONS**
[54] **PROMOTEUR D'ADHERENCE POUR COMPOSITIONS RETICULABLES PAR ADDITION DE MICHAEL REELLE**
[72] GOEDEGEBUURE, RIEN, NL
[72] THYS, FERRY LUDOVICUS, BE
[72] DE WOLF, ELWIN ALOYSIUS CORNELIUS ADRIANUS, NL
[72] BRINKHUIS, RICHARD HENDRIKUS GERRIT, NL
[72] GESSNER, MICHAEL ANTHONY, US
[72] BUSER, ANTONIUS JOHANNES WILHELMUS, NL
[71] ALLNEX NETHERLANDS B.V., NL
[85] 2017-10-16
[86] 2016-04-18 (PCT/EP2016/058517)
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[30] US (62/148,966) 2015-04-17
[30] EP (15169717.4) 2015-05-28

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[51] **Int.Cl. A61K 31/195 (2006.01)**
[25] EN
[54] **COMPOSITIONS AND METHODS FOR NEUROPROTECTION AND TREATMENT OF NEURODEGENERATION**
[54] **COMPOSITIONS ET METHODES POUR LA NEUROPROTECTION ET LE TRAITEMENT DE LA NEURODEGENERESCENCE**
[72] FAULKNER, MARK C., US
[72] MILLER, DONALD W., CA
[72] HATCH, GRANT M., CA
[71] VIREO SYSTEMS, INC., US
[85] 2017-10-17
[86] 2016-04-20 (PCT/US2016/028357)
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[30] US (62/150,113) 2015-04-20
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[51] **Int.Cl. C09D 167/02 (2006.01) C08J 3/24 (2006.01)**
[25] EN
[54] **A RMA CROSSLINKABLE COMPOSITION WITH IMPROVED ADHESION**
[54] **COMPOSITION RETICULABLE PAR RMA MANIFESTANT UNE ADHERENCE AMELIOREE**
[72] GOEDEGEBUURE, RIEN, NL
[72] THYS, FERRY LUDOVICUS, BE
[72] DE WOLF, ELWIN ALOYSIUS CORNELIUS ADRIANUS, NL
[72] BRINKHUIS, RICHARD HENDRIKUS GERRIT, NL
[72] GESSNER, MICHAEL ANTHONY, US
[72] BUSER, ANTONIUS JOHANNES WILHELMUS, NL
[71] ALLNEX NETHERLANDS B.V., NL
[85] 2017-10-16
[86] 2016-04-18 (PCT/EP2016/058525)
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[30] US (62/148,966) 2015-04-17
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[51] **Int.Cl. A61K 38/18 (2006.01) C07K 14/50 (2006.01)**
[25] EN
[54] **FIBROBLAST GROWTH FACTOR (FGF) 1 WITH MUTATION IN THE HEPARIN BINDING DOMAIN AND METHODS OF USE TO REDUCE BLOOD GLUCOSE**
[54] **FACTEUR DE CROISSANCE DES FIBROBLASTES (FGF) 1 A MUTATION DANS LE DOMAINE DE LIAISON A L'HEPARINE ET METHODES D'UTILISATION POUR REDUIRE LA GLYCEMIE**
[72] EVANS, RONALD M., US
[72] DOWNES, MICHAEL, US
[72] ATKINS, ANNETTE, US
[72] YU, RUTH T., US
[72] BLABER, MICHAEL, US
[72] XIA, XUE, US
[71] SALK INSTITUTE FOR BIOLOGICAL STUDIES, US
[71] FLORIDA STATE UNIVERSITY RESEARCH FOUNDATION, INCORPORATED, US
[85] 2017-10-17
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[51] **Int.Cl. A61L 2/20 (2006.01) B01L 1/04 (2006.01) F24F 3/16 (2006.01)**
[25] EN
[54] **CLEAN ROOMS HAVING DILUTE HYDROGEN PEROXIDE (DHP) GAS AND METHODS OF USE THEREOF**
[54] **SALLES BLANCHES AVEC PEROXYDE D'HYDROGENE GAZEUX DILUE ET LEURS PROCEDES D'UTILISATION**
[72] LEE, JAMES D., US
[72] BOSMA, DOUGLAS J., US
[71] SYNEXIS LLC, US
[85] 2017-10-17
[86] 2016-04-20 (PCT/US2016/028457)
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[30] US (62/149,925) 2015-04-20

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[13] A1
[51] **Int.Cl. C09D 167/02 (2006.01) C08J 3/24 (2006.01) C09D 163/00 (2006.01)**
[25] EN
[54] **MODIFIED EPOXY PRIMER FOR IMPROVED ADHESION OF RMA CROSSLINKABLE COATING COMPOSITIONS**
[54] **APPRET DE TYPE EPOXY MODIFIE POUR ADHERENCE AMELIOREE DES COMPOSITIONS DE REVETEMENT RETICULABLES PAR RMA**
[72] GOEDEGEBUURE, RIEN, NL
[72] THYS, FERRY LUDOVICUS, BE
[72] DE WOLF, ELWIN ALOYSIUS CORNELIUS ADRIANUS, NL
[72] BRINKHUIS, RICHARD HENDRIKUS GERRIT, NL
[72] GESSNER, MICHAEL ANTHONY, US
[72] BUSER, ANTONIUS JOHANNES WILHELMUS, NL
[72] SAUER, DAVID JAMES, US
[71] ALLNEX NETHERLANDS B.V., NL
[85] 2017-10-16
[86] 2016-04-18 (PCT/EP2016/058540)
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[30] US (62/148,966) 2015-04-17
[30] EP (15169717.4) 2015-05-28

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[51] **Int.Cl. B65G 41/00 (2006.01)**
[25] EN
[54] **METHOD AND APPARATUS FOR STORING OR RETRIEVING ITEMS**
[54] **PROCEDE ET APPAREIL PERMETTANT DE STOCKER OU DE RECUPERER DES ARTICLES**
[72] DEWITT, ROBERT R., US
[71] OPEX CORPORATION, US
[85] 2017-10-17
[86] 2016-04-20 (PCT/US2016/028500)
[87] (WO2016/172253)
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[51] **Int.Cl. A61K 39/44 (2006.01) A61K 39/395 (2006.01)**
[25] EN
[54] **CALICHEAMICIN CONSTRUCTS AND METHODS OF USE**
[54] **CONSTRUCTIONS DE CALICHEAMICINE D'ACIDE NUCLEIQUE ET LEURS PROCEDES D'UTILISATION**
[72] GAVRILYUK, JULIA, US
[72] SISODIYA, VIKRAM NATWARSINHJI, US
[71] ABBVIE STEMCENTRX LLC, US
[85] 2017-10-17
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[30] US (62/150,693) 2015-04-21

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[51] **Int.Cl. G06F 17/30 (2006.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR GENERATING CONCEPTS FROM A DOCUMENT CORPUS**
[54] **SYSTEMES ET PROCEDES DE GENERATION DE CONCEPTS A PARTIR D'UN CORPUS DE DOCUMENTS**
[72] ZHANG, PAUL, US
[72] SHARMA, SANJAY, US
[72] STEINER, DAVID, US
[72] WASSON, MARK DAVID, US
[72] SILVER, HARRY R., US
[72] WARLING, ROBIN, US
[71] LEXISNEXIS, A DIVISION OF REED ELSEVIER INC., US
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[51] **Int.Cl. H04N 7/173 (2011.01) H04W 4/02 (2009.01) H04W 4/04 (2009.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR CONNECTING A MOBILE DEVICE TO A COMMUNICATION SYSTEM**
[54] **SYSTEMES ET PROCEDES POUR CONNECTER UN DISPOSITIF MOBILE A UN SYSTEME DE COMMUNICATION**
[72] ANDERSON, ANDY LOREN, US
[72] GUTHULA, SRIDHAR, US
[72] ZERR, DERIN M., US
[72] ZDEPSKI, JOEL WALTER, US
[71] SONIFI SOLUTIONS, INC., US
[85] 2017-10-16
[86] 2016-05-02 (PCT/US2016/030437)
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[30] US (62/155,953) 2015-05-01

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[51] **Int.Cl. G09C 5/00 (2006.01) G06F 7/58 (2006.01) G06F 7/72 (2006.01) H04L 9/00 (2006.01)**
[25] EN
[54] **GENERATING CRYPTOGRAPHIC FUNCTION PARAMETERS FROM COMPACT SOURCE CODE**
[54] **GENERATION DE PARAMETRES DE FONCTION CRYPTOGRAPHIQUE A PARTIR D'UN CODE SOURCE COMPACT**
[72] BROWN, DANIEL RICHARD L., CA
[71] CERTICOM CORP., CA
[85] 2017-10-17
[86] 2016-04-20 (PCT/CA2016/050450)
[87] (WO2016/168925)
[30] US (14/691,337) 2015-04-20

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[51] **Int.Cl. G09C 5/00 (2006.01) G06F 7/58 (2006.01) G06F 7/72 (2006.01) H04L 9/00 (2006.01)**
[25] EN
[54] **GENERATING CRYPTOGRAPHIC FUNCTION PARAMETERS FROM A PUZZLE**
[54] **GENERATION DE PARAMETRES DE FONCTION CRYPTOGRAPHIQUE A PARTIR D'UN PUZZLE**
[72] BROWN, DANIEL RICHARD L., CA
[71] CERTICOM CORP., CA
[85] 2017-10-17
[86] 2016-04-20 (PCT/CA2016/050451)
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[51] **Int.Cl. G09C 5/00 (2006.01) G06F 7/58 (2006.01) G06F 7/72 (2006.01) H04L 12/28 (2006.01)**
[25] EN
[54] **GENERATING CRYPTOGRAPHIC FUNCTION PARAMETERS BASED ON AN OBSERVED ASTRONOMICAL EVENT**
[54] **GENERATION DE PARAMETRES DE FONCTION CRYPTOGRAPHIQUE SUR LA BASE D'UN EVENEMENT ASTRONOMIQUE OBSERVE**
[72] BROWN, DANIEL RICHARD L., CA
[71] CERTICOM CORP., CA
[85] 2017-10-17
[86] 2016-04-20 (PCT/CA2016/050452)
[87] (WO2016/168927)
[30] US (14/691,383) 2015-04-20

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[13] A1
[51] **Int.Cl. A23L 2/52 (2006.01)**
[25] EN
[54] **SPORT BEVERAGES AND METHODS FOR THEIR PRODUCTION**
[54] **BOISSONS SPORTIVES ET PROCEDES DE PRODUCTION DE CELLES-CI**
[72] METHNER, FRANK-JURGEN, DE
[72] KUNZ, THOMAS, DE
[72] SEEWALD, TORSTEN, DE
[72] DESBROW, BEN, AU
[71] TECHNISCHE UNIVERSITAT BERLIN, DE
[71] GRIFFITH UNIVERSITY, AU
[85] 2017-10-17
[86] 2016-04-14 (PCT/EP2016/058257)
[87] (WO2016/169835)
[30] EP (15164475.4) 2015-04-21

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[13] A1
[51] **Int.Cl. H02M 7/12 (2006.01)**
[25] EN
[54] **CONVERTER AND POWER CONVERSION DEVICE INCLUDING THE SAME**
[54] **CONVERTISSEUR ET DISPOSITIF DE CONVERSION DE PUISSANCE UTILISANT CE CONVERTISSEUR**
[72] OHNISHI, KEISUKE, JP
[72] KINOSHITA, MASAHIRO, JP
[72] KOYANAGI, KIMIYUKI, JP
[71] TOSHIBA MITSUBISHI-ELECTRIC INDUSTRIAL SYSTEMS CORPORATION, JP
[85] 2017-10-17
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[13] A1
[51] **Int.Cl. G08G 1/09 (2006.01)**
[25] EN
[54] **VEHICLE GUIDANCE DEVICE AND VEHICLE GUIDANCE METHOD**
[54] **DISPOSITIF DE GUIDAGE DE VEHICULES ET PROCEDE DE GUIDAGE DE VEHICULES**
[72] SHIMODAIRA, SEIJI, JP
[72] FUJIMOTO, HIROYA, JP
[72] KASAI, JUNICHI, JP
[72] KISHI, YASUHISA, JP
[72] KAWAI, SATOSHI, JP
[71] NISSAN MOTOR CO., LTD., JP
[85] 2017-10-17
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[13] A1
[51] **Int.Cl. H04B 10/40 (2013.01) H04B 10/69 (2013.01) H01L 31/107 (2006.01)**
[25] EN
[54] **OPTICAL TRANSCEIVER, OPTICAL COMMUNICATION APPARATUS, AND METHOD OF CONTROLLING LIGHT RECEIVING ELEMENT**
[54] **EMETTEUR-RECEPTEUR OPTIQUE, DISPOSITIF DE COMMUNICATION OPTIQUE, ET PROCEDE DE COMMANDE D'UN ELEMENT RECEVANT DE LA LUMIERE**
[72] YUDA, SHUITSU, JP
[71] SUMITOMO ELECTRIC INDUSTRIES, LTD., JP
[85] 2017-10-17
[86] 2016-01-05 (PCT/JP2016/050087)
[87] (WO2016/170801)
[30] JP (2015-085659) 2015-04-20

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[13] A1
[51] **Int.Cl. B01F 3/04 (2006.01)**
[25] EN
[54] **A WINE OXYGENATION DEVICE AND METHOD**
[54] **DISPOSITIF ET PROCEDE D'OXYGENATION DU VIN**
[72] HOLBECHE, THOMAS BICKFORD, GB
[72] MICHEL, DOMINIK, DE
[71] LINDE AKTIENGESELLSCHAFT, DE
[85] 2017-10-17
[86] 2016-04-05 (PCT/EP2016/000557)
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[30] EP (15001163.3) 2015-04-20

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[13] A1
[51] **Int.Cl. F24H 1/40 (2006.01) F24H 9/00 (2006.01)**
[25] EN
[54] **ALTERNATIVE COIL FOR FIRED PROCESS HEATER**
[54] **BOBINE DE REMPLACEMENT POUR APPAREIL DE CHAUFFAGE A COMBUSTIBLE**
[72] YUAN, QUAN, US
[72] GATTUPALLI, RAJESWAR, US
[72] LOK, KA, US
[72] HARTMAN, WILLIAM M., US
[72] EGOLF, BRYAN J., US
[71] UOP LLC, US
[85] 2017-10-17
[86] 2016-06-21 (PCT/US2016/038543)
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[30] US (62/186,536) 2015-06-30

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[13] A1
[51] **Int.Cl. B01J 19/20 (2006.01) C10J 3/82 (2006.01) C10L 5/40 (2006.01) C10L 9/08 (2006.01)**
[25] EN
[54] **PYROLYSIS APPARATUS AND METHOD**
[54] **APPAREIL ET PROCEDE DE PYROLYSE**
[72] STANLEY, IAN, AU
[72] BURGESS, PETER, AU
[71] RAINBOW BEE EATER IP PTY LTD, AU
[85] 2017-10-18
[86] 2016-04-20 (PCT/AU2016/050286)
[87] (WO2016/168894)
[30] AU (2015901409) 2015-04-20

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[51] **Int.Cl. F24H 1/14 (2006.01) B01J 8/00 (2006.01) C10G 35/04 (2006.01) F28B 1/00 (2006.01)**
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[54] **REACTOR AND HEATER CONFIGURATION SYNERGIES IN PARAFFIN DEHYDROGENATION PROCESS**
[54] **SYNERGIES DE CONFIGURATION D'ELEMENT CHAUFFANT ET DE REACTEUR DANS UN PROCEDE DE DESHYDROGENATION DE PARAFFINE**
[72] GATTUPALLI, RAJESWAR, US
[72] YUAN, QUAN, US
[72] SADLER, CLAYTON C., US
[72] VETTER, MICHAEL J., US
[72] EGOLF, BRYAN J., US
[71] UOP LLC, US
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[25] EN
[54] **SEPARATION OF METAL-ORGANIC FRAMEWORKS**
[54] **SEPARATION DE STRUCTURES METALLO-ORGANIQUES**
[72] RUBIO MARTINEZ, MARTA, AU
[72] JULIANO, PABLO, AU
[72] LEONG, THOMAS, AU
[72] HILL, MATTHEW ROLAND, AU
[72] LIM, KOK SENG, AU
[71] COMMONWEALTH SCIENTIFIC AND INDUSTRIAL RESEARCH ORGANISATION, AU
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[25] EN
[54] **A DRY MIXED RE-DISPERSIBLE CELLULOSE FILAMENT/CARRIER PRODUCT AND THE METHOD OF MAKING THE SAME**
[54] **PRODUIT MIXTE SEC DE FILAMENT DE CELLULOSE RE-DISPERSIBLE/SUPPORT ET PROCEDE DE FABRICATION CORRESPONDANT**
[72] BEN, YUXIA, CA
[72] DORRIS, GILLES, CA
[72] CAI, XIAOLIN, CA
[72] HUA, XUJUN, CA
[72] YUAN, ZHIRUN, CA
[72] NEAULT, PATRICK, CA
[71] FPINNOVATIONS, CA
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[25] FR
[54] **MODULAR MULTIFUNCTIONAL SHADING DEVICE, NOTABLY FOR A PERGOLA**
[54] **DISPOSITIF D'OCCULTATION MULTIFONCTIONS A MODULES, NOTAMMENT POUR PERGOLA**
[72] CASTEL, JEAN-LOUIS, FR
[71] CASTEL, JEAN-LOUIS, FR
[85] 2017-10-18
[86] 2016-04-21 (PCT/FR2016/050933)
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[30] FR (1553713) 2015-04-24

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[51] **Int.Cl. H02K 19/00 (2006.01) H02K 1/14 (2006.01) H02K 1/24 (2006.01) H02K 15/00 (2006.01)**
[25] EN
[54] **SWITCHED RELUCTANCE MACHINE WITH EVEN POLE-PHASE INDEX**
[54] **MACHINE A RELUCTANCE COMMUTEE AVEC INDICE DE POLE-PHASE PAIR**
[72] BILGIN, BERKER, CA
[72] EMADI, ALI, CA
[71] MCMASTER UNIVERSITY, CA
[85] 2017-10-18
[86] 2016-05-13 (PCT/CA2016/050548)
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[25] EN
[54] **DRIVE SHAFT ASSEMBLY**
[54] **ENSEMBLE ARBRE PRIMAIRE**
[72] WINGERTER, JACK, US
[72] WINGERTER, RODNEY, US
[71] IRONSIDE, LLC, US
[85] 2017-10-17
[86] 2015-05-12 (PCT/US2015/030430)
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[25] EN
[54] **SWITCHED RELUCTANCE MACHINE WITH ODD POLE-PHASE INDEX**
[54] **MACHINE A RELUCTANCE COMMUTEE A INDICE DE POLE-PHASE IMPAIR**
[72] BILGIN, BERKER, CA
[72] EMADI, ALI, CA
[71] MCMASTER UNIVERSITY, CA
[85] 2017-10-18
[86] 2016-05-13 (PCT/CA2016/050551)
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[25] FR
[54] **BODY PROTECTION**
[54] **PROTECTION CORPORELLE**
[72] KARALL, GERHARD, AT
[71] HG3 S.A.R.L., LU
[85] 2017-10-17
[86] 2016-04-22 (PCT/EP2016/059097)
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[51] **Int.Cl. B05D 7/22 (2006.01) B01J 32/00 (2006.01) B01J 37/02 (2006.01) B05D 1/18 (2006.01)**
[25] EN
[54] **METHOD, DEVICE AND APPARATUS FOR COATING AN INNER SURFACE OF A SUBSTRATE**
[54] **PROCEDE, DISPOSITIF ET APPAREIL POUR REVETIR UNE SURFACE INTERNE D'UN SUBSTRAT**
[72] MASSON, STEPHANE, FR
[71] UMICORE AG & CO. KG, DE
[85] 2017-10-18
[86] 2015-04-21 (PCT/EP2015/058613)
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[25] EN
[54] **EEG MONITOR WITH A HOUSING INDIVIDUALLY FITTED TO A PERSON**
[54] **MONITEUR D'EEG POURVU D'UN BOITIER FIXE INDIVIDUELLEMENT SUR UNE PERSONNE**
[72] WESTERMANN, SOREN ERIK, DK
[72] JENSEN, RASMUS STIG, DK
[71] T&W ENGINEERING A/S, DK
[85] 2017-10-18
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[25] EN
[54] **AQUEOUS POLYMER DISPERSIONS FOR COMPOSITE FILM LAMINATION**
[54] **DISPERSIONS AQUEUSES DE POLYMERES POUR LE CONTRECOLLAGE DE FILMS COMPOSITES**
[72] ZORN, MATTHIAS, DE
[72] SCHUMACHER, KARL-HEINZ, DE
[71] BASF SE, DE
[85] 2017-10-18
[86] 2016-04-13 (PCT/EP2016/058059)
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[25] EN
[54] **A BEAM DIRECTOR**
[54] **DISPOSITIF D'ORIENTATION D'UN FAISCEAU**
[72] BIBAS, CHARLES, US
[72] ZHOU, NIANQING, US
[72] HUGO, DEON, ZA
[71] BIBAS, CHARLES, US
[85] 2017-10-17
[86] 2016-06-13 (PCT/US2016/037131)
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[51] **Int.Cl. B65D 90/00 (2006.01) B60P 1/64 (2006.01) B65D 88/12 (2006.01) B65G 1/12 (2006.01) B65G 67/00 (2006.01)**
[25] EN
[54] **CARGO CAROUSEL SYSTEM FOR SHIPPING CONTAINERS AND METHOD FOR USING SAME**
[54] **SYSTEME DE CARROUSEL DE CHARGEMENT POUR CONTENEURS D'EXPEDITION ET SON PROCEDE D'UTILISATION**
[72] MUNHOLLAND, GLEN, CA
[71] MUNHOLLAND, GLEN, CA
[85] 2017-10-18
[86] 2015-04-09 (PCT/CA2015/000237)
[87] (WO2015/161355)
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[51] **Int.Cl. F24H 1/40 (2006.01) F24H 9/00 (2006.01)**
[25] EN
[54] **FILM TEMPERATURE OPTIMIZER FOR FIRED PROCESS HEATERS**
[54] **OPTIMISEUR DE TEMPERATURE DE FILM POUR APPAREILS DE CHAUFFAGE INDUSTRIEL A COMBUSTIBLE**
[72] YUAN, QUAN, US
[72] GATTUPALLI, RAJESWAR, US
[72] MARTIN, MATTHEW, US
[72] VETTER, MICHAEL J., US
[71] UOP LLC, US
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[86] 2016-06-21 (PCT/US2016/038534)
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[51] **Int.Cl. F17C 13/06 (2006.01) F17C 7/00 (2006.01)**
[25] EN
[54] **CYLINDER EXCLUSIVE CONNECTION**
[54] **RACCORDEMENT EXCLUSIF DE BOUTEILLE**
[72] TIMM, FELIX, DE
[72] LEHNERT, BENJAMIN, DE
[72] NEUBER, TOBIAS, DE
[71] LINDE AKTIENGESELLSCHAFT, DE
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[51] **Int.Cl. A61F 2/50 (2006.01)**
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[54] **HYDRAULIC PUMP ASSEMBLY FOR ARTIFICIAL HAND**
[54] **ENSEMBLE POMPE HYDRAULIQUE POUR MAIN ARTIFICIELLE**
[72] POIRTERS, JOSEPHUS MARTINUS MARIA, NO
[71] HY5PRO AS, NO
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[86] 2016-04-29 (PCT/EP2016/059678)
[87] (WO2016/174241)
[30] GB (1507399.2) 2015-04-30

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[25] EN
[54] **A PROCESS FOR THE REMOVAL OF SOOT FROM A SULFUROUS GAS STREAM**
[54] **PROCEDE D'ELIMINATION DE SUIE D'UN FLUX GAZEUX SULFUREUX**
[72] SORENSEN, PER AGGERHOLM, DK
[72] CHRISTENSEN, KURT AGERBÆK, DK
[71] HALDOR TOPSOE A/S, DK
[85] 2017-10-18
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[25] EN
[54] **METHOD OF CORRECTING ROTOR IMBALANCE AND WIND TURBINE THEREOF**
[54] **PROCEDE DE CORRECTION DE DESEQUILIBRE DE ROTOR ET EOLIENNE ASSOCIEE**
[72] PEDERSEN, KELD STEFAN, DK
[71] ENVISION ENERGY (DENMARK) APS, DK
[85] 2017-10-18
[86] 2016-04-20 (PCT/EP2016/058723)
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[30] DK (PA 2015 70239) 2015-04-23
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[51] **Int.Cl. C09C 1/02 (2006.01)**
[25] EN
[54] **MODIFIED MINERAL-BASED FILLER COMPRISING COPPER SALTS**
[54] **AGENT DE REMPLISSAGE A BASE MINERALE MODIFIEE COMPRENANT DES SELS DE CUIVRE**
[72] RENTSCH, SAMUEL, CH
[72] WELKER, MATTHIAS, FR
[72] URWYLER, SIMON, CH
[72] KNUPFER, MARTINA ELISABETH, CH
[72] GLAUBITZ, JOACHIM, CH
[72] GANE, PATRICK A.C., CH
[71] OMYA INTERNATIONAL AG, CH
[85] 2017-10-18
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[30] EP (15165264.1) 2015-04-27
[30] US (62/153,631) 2015-04-28

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[51] **Int.Cl. C12N 15/113 (2010.01)**
[25] EN
[54] **DYNAMIN 2 INHIBITOR FOR THE TREATMENT OF DUCHENNE'S MUSCULAR DYSTROPHY**
[54] **INHIBITEUR DE DYNAMINE 2 POUR LE TRAITEMENT DE LA DYSTROPHIE MUSCULAIRE DE DUCHENNE**
[72] LAPORTE, JOCELYN, FR
[72] COWLING, BELINDA, FR
[71] UNIVERSITE DE STRASBOURG, FR
[71] CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE, FR
[71] INSTITUT NATIONAL DE LA SANTE ET DE LA RECHERCHE MEDICALE, FR
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[86] 2016-04-22 (PCT/EP2016/059090)
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[51] **Int.Cl. H05B 6/70 (2006.01) C12N 15/10 (2006.01) H05B 6/80 (2006.01)**
[25] EN
[54] **APPARATUS AND METHOD FOR CONVERTING ELECTROMAGNETIC RADIATION INTO THERMAL ENERGY**
[54] **APPAREIL ET PROCEDE DE CONVERSION D'UN RAYONNEMENT ELECTROMAGNETIQUE EN ENERGIE THERMIQUE**
[72] WEBER, WOLFGANG, DE
[72] MALLAH, MARCEL, DE
[71] IFP PRIVATES INSTITUT FUER PRODUKTQUALITAET GMBH, DE
[85] 2017-10-18
[86] 2016-04-25 (PCT/EP2016/059176)
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[30] DE (10 2015 106 346.8) 2015-04-24

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[51] **Int.Cl. A61K 35/76 (2015.01) A23K 50/80 (2016.01) A61P 31/04 (2006.01)**
[25] EN
[54] **TREATMENT OF BACTERIAL INFECTIONS IN AQUACULTURE**
[54] **TRAITEMENT D'INFECTIONS BACTERIENNES EN AQUACULTURE**
[72] MATTEY, MICHAEL, GB
[71] BASF NEW BUSINESS GMBH, DE
[85] 2017-10-18
[86] 2016-04-20 (PCT/EP2016/058809)
[87] (WO2016/170013)
[30] EP (15164343.4) 2015-04-20

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[51] **Int.Cl. H02G 1/12 (2006.01)**
[25] EN
[54] **STRIPPING TOOL**
[54] **OUTIL A DENUDER**
[72] MANSER, FRANZ, CH
[72] HENZMANN, PASCAL, CH
[72] SIEGRIST, THOMAS, CH
[71] HUBER+SUHNER AG, CH
[85] 2017-10-18
[86] 2016-04-26 (PCT/EP2016/059285)
[87] (WO2016/180630)
[30] CH (00641/15) 2015-05-11

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[51] **Int.Cl. C12Q 1/68 (2006.01) C12N 1/20 (2006.01)**
[25] EN
[54] **SEQUENCE-SPECIFIC DETECTION AND PHENOTYPE DETERMINATION**
[54] **DETECTION ET DETERMINATION DE PHENOTYPE DE MANIERE SPECIFIQUE DE SEQUENCE**
[72] REY, DIEGO ARIEL, US
[71] F. HOFFMANN-LA ROCHE AG, CH
[85] 2017-10-18
[86] 2016-04-28 (PCT/EP2016/059518)
[87] (WO2016/174151)
[30] US (62/155,011) 2015-04-30

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[51] **Int.Cl. A47B 31/04 (2006.01) B62B 3/02 (2006.01)**
[25] EN
[54] **BEVERAGE IN BOX CART**
[54] **CHARIOT POUR BOISSON EN BOITE**
[72] GONZALEZ, ARTURO, US
[72] KESSELL, STEVEN M., US
[71] SPG INTERNATIONAL LLC, US
[85] 2017-10-17
[86] 2016-04-22 (PCT/US2016/028961)
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[51] **Int.Cl. H02K 3/18 (2006.01)**
[25] EN
[54] **ROTOR OF A GEARLESS WIND TURBINE**
[54] **ROTOR D'UNE EOLIENNE A ENTRAINEMENT DIRECT**
[72] ROER, JOCHEN, DE
[72] ZIEMS, JAN CARSTEN, DE
[71] WOBBEN PROPERTIES GMBH, DE
[85] 2017-10-18
[86] 2016-04-29 (PCT/EP2016/059628)
[87] (WO2016/177640)
[30] DE (10 2015 208 553.8) 2015-05-07

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[51] **Int.Cl. A61K 8/73 (2006.01) A23L 33/10 (2016.01) A23L 33/16 (2016.01) A23G 1/00 (2006.01) A23G 1/30 (2006.01) A23G 3/34 (2006.01) A23G 4/00 (2006.01) A23L 2/52 (2006.01) A61K 8/24 (2006.01) A61Q 11/00 (2006.01)**
[25] EN
[54] **COMPOSITION FOR ORAL CAVITY AND FOOD PRODUCT, OR BEVERAGE**
[54] **COMPOSITION POUR CAVITE BUCCALE ET PRODUIT ALIMENTAIRE OU BOISSON**
[72] TAKAMATSU, RIE, JP
[72] OBUKI, MARIKO, JP
[72] KASUGA, AYAKO, JP
[72] TAKIKAWA, RIMIKO, JP
[71] KABUSHIKI KAISHA SANGI, JP
[85] 2017-10-18
[86] 2016-05-20 (PCT/JP2016/002470)
[87] (WO2016/189846)
[30] JP (2015-106298) 2015-05-26

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[51] **Int.Cl. A61K 31/497 (2006.01) A61K 31/43 (2006.01) A61P 31/04 (2006.01)**
[25] EN
[54] **ANTIBACTERIAL COMPOSITIONS AND METHODS**
[54] **COMPOSITIONS ANTIBACTERIENNES ET METHODES**
[72] PATEL, MAHESH VITHALBHAI, IN
[72] BHAGWAT, SACHIN, IN
[72] TAKALKAR, SWAPNA SHRIPAD, IN
[72] CHAVAN, RAJESH, IN
[72] UMARKAR, KUSHAL, IN
[71] WOCKHARDT LIMITED, IN
[85] 2017-10-18
[86] 2017-03-31 (PCT/IB2017/051873)
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[30] IN (201621011248) 2016-03-31

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[13] A1
[51] **Int.Cl. A61F 2/58 (2006.01) B25J 15/08 (2006.01)**
[25] EN
[54] **PALM UNIT FOR ARTIFICIAL HAND**
[54] **UNITE DE PAUME POUR MAIN ARTIFICIELLE**
[72] POIRTERS, JOSEPHUS MARTINUS MARIA, NO
[71] HY5PRO AS, NO
[85] 2017-10-18
[86] 2016-04-29 (PCT/EP2016/059679)
[87] (WO2016/174242)
[30] GB (1507394.3) 2015-04-30

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[13] A1
[51] **Int.Cl. A61K 8/19 (2006.01) A61Q 15/00 (2006.01)**
[25] EN
[54] **DEODORANT COMPOSITION AND DEODORANT PRODUCT COMPRISING A DEODORANT COMPOSITION**
[54] **COMPOSITION DEODORANTE ET PRODUIT DEODORANT COMPRENANT UNE COMPOSITION DEODORANTE**
[72] ODEN, THOMAS, SE
[71] FOTKULTUR MALMO AB, SE
[85] 2017-10-18
[86] 2016-03-22 (PCT/SE2016/050235)
[87] (WO2016/171600)
[30] SE (1550485-5) 2015-04-23

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[13] A1
[51] **Int.Cl. A61K 39/395 (2006.01) A61P 35/00 (2006.01) A61P 35/02 (2006.01)**
[25] EN
[54] **PHARMACEUTICAL COMPOSITION FOR TREATING AND/OR PREVENTING CANCER**
[54] **COMPOSITION PHARMACEUTIQUE PERMETTANT LE TRAITEMENT ET/OU LA PREVENTION DU CANCER**
[72] KURIHARA, AKIRA, JP
[72] CHON, HYONGI, JP
[72] FUJITA, TAKAYUKI, JP
[72] OKANO, FUMIYOSHI, JP
[71] TORAY INDUSTRIES, INC., JP
[85] 2017-10-18
[86] 2016-04-28 (PCT/JP2016/063420)
[87] (WO2016/175307)
[30] JP (2015-093640) 2015-04-30

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[13] A1
[51] **Int.Cl. H02M 1/14 (2006.01) H01L 35/00 (2006.01) H02M 3/158 (2006.01)**
[25] EN
[54] **A THERMOELECTRIC POWER GENERATING SYSTEM**
[54] **SYSTEME DE GENERATION D'ENERGIE THERMOELECTRIQUE**
[72] FERRER RAMIS, CARLES, ES
[72] OLIVER MALAGELADA, JOAN, ES
[72] ARAGONES ORTIZ, RAUL, ES
[72] MALET MUNTE, ROGER, ES
[71] UNIVERSITAT AUTONOMA DE BARCELONA, ES
[71] ARAGONES ORTIZ, RAUL, ES
[71] MALET MUNTE, ROGER, ES
[85] 2017-10-18
[86] 2016-04-26 (PCT/EP2016/059223)
[87] (WO2016/174002)
[30] EP (15165327.6) 2015-04-28

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[13] A1
[51] **Int.Cl. C02F 1/48 (2006.01) A23L 3/32 (2006.01) B01J 19/08 (2006.01)**
[25] EN
[54] **CHAMBER FOR PULSED ELECTRIC FIELD GENERATION**
[54] **CHAMBRE DE GENERATION DE CHAMP ELECTRIQUE PULSE**
[72] HENRIKSSON, PAR H, SE
[72] LILJA, PER, SE
[71] ARC AROMA PURE AB, SE
[85] 2017-10-18
[86] 2016-04-20 (PCT/SE2016/050343)
[87] (WO2016/171610)
[30] SE (1550474-9) 2015-04-21

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[13] A1
[51] **Int.Cl. A61K 31/702 (2006.01) A61K 31/716 (2006.01) A61K 31/733 (2006.01) A61K 45/06 (2006.01) A61P 1/00 (2006.01)**
[25] EN
[54] **GLYCAN THERAPEUTICS AND METHODS OF TREATMENT**
[54] **AGENTS THERAPEUTIQUES DE GLYCANES ET PROCEDES DE TRAITEMENT**
[72] VON MALTZAHN, GEOFFREY A., US
[72] YAMANAKA, YVONNE J., US
[72] SILVERMAN, JARED, US
[72] MILWID, JACK, US
[72] RUBENS, JACOB R., US
[72] GEREMIA, JOHN M., US
[71] KALEIDO BIOSCIENCES, INC., US
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[54] **COMMANDE DE DOIGTS POUR MAIN ARTIFICIELLE**
[72] POIRTERS, JOSEPHUS MARTINUS MARIA, NO
[71] HY5PRO AS, NO
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[51] **Int.Cl. C08G 63/685 (2006.01) C08F 8/30 (2006.01) C08G 18/67 (2006.01) C08G 18/83 (2006.01)**
[25] EN
[54] **CLICKABLE WATERBORNE POLYMERS AND CLICK-CROSSLINKED WATERBORNE POLYMERS**
[54] **POLYMERES A BASE D'EAU APTES A LA CHIMIE CLIC ET POLYMERES A BASE D'EAU RETICULES PAR CHIMIE CLIC**
[72] YANG, JIAN, US
[72] HU, JIANQING, CN
[72] GUO, JINSHAN, US
[71] THE PENN STATE RESEARCH FOUNDATION, US
[85] 2017-10-17
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[54] **WALL SYSTEM**
[54] **SYSTEME DE PAROI**
[72] OSTLING, MIKAEL, SE
[71] ISOTIMBER HOLDING AB (PUBL), SE
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[54] **MATERIAUX REMPLIS DE FIBRES DE CARBONE DE FAIBLE DENSITE**
[72] BORAGNO, LUCA, AT
[72] STOCKREITER, WOLFGANG, AT
[72] JERABEK, MICHAEL, AT
[71] BOREALIS AG, AT
[85] 2017-10-18
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[54] **RENDERING GRAPHICAL ASSETS NATIVELY ON MULTIPLE SCREENS OF ELECTRONIC DEVICES**
[54] **RENDU D'ELEMENTS GRAPHIQUES A L'ORIGINE SUR DE MULTIPLES ECRANS DE DISPOSITIFS ELECTRONIQUES**
[72] JOSEPHIRUDAYARAJ, MANGALA NAVEEN KUMAR, IN
[72] BHALLA, KAPIL, IN
[72] KATTA, SANTOSH, IN
[71] INTUIT INC., US
[85] 2017-10-17
[86] 2016-04-25 (PCT/US2016/029226)
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[25] EN
[54] **ANTIBACTERIAL COMPOSITIONS**
[54] **COMPOSITIONS ANTIBACTERIENNES**
[72] NANDANWAR, MANOHAR BABURAO, IN
[72] KANSAGARA, ATUL, IN
[72] NAGORI, RAJENDRA NANDLAL, IN
[72] PATEL, MUFTEDAR AHMED IFTEKHAR, IN
[72] YEOLE, RAVINDRA DATTATRAYA, IN
[72] CHAUHAN, BHASKAR, IN
[72] DEO, KESHAV, IN
[72] PATEL, MAHESH VITHALBHAI, IN
[71] WOCKHARDT LIMITED, IN
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[86] 2017-03-31 (PCT/IB2017/051871)
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[25] EN
[54] **SYSTEMS AND METHODS FOR PROTECTING UMBILICAL STUMPS**
[54] **SYSTEMES ET PROCEDES DE PROTECTION DE SOUCHES OMBILICALES**
[72] DAMBKOWSKI, CARL LINDEN, US
[72] CHEHAB, ERIC FAYEZ, US
[72] JOSHI, SIDDHARTHA, IN
[72] PAPANEK, JULIE, US
[72] FRITZ, JONATHAN ANDREW, US
[72] WALL, JAMES, US
[72] VENOOK, ROSS DANIEL, US
[72] TORRES, SHIVANI ALEXANDRA, US
[72] SHIH, JOSEPH DE-CHUNG, US
[72] WOOD, LAUREN SO YOUNG, US
[71] THE BOARD OF TRUSTEES OF THE LELAND STANFORD JUNIOR UNIVERSITY, US
[85] 2017-10-18
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[54] **COMPOSITIONS AND METHODS FOR ALTERING FLOWERING AND PLANT ARCHITECTURE TO IMPROVE YIELD POTENTIAL**
[54] **COMPOSITIONS ET PROCEDES VISANT A MODIFIER LA FLORAISON ET L'ARCHITECTURE DE PLANTES POUR AMELIORER LE RENDEMENT POTENTIEL**
[72] BROWER-TOLAND, BRENT, US
[72] CALDO, RICO A., US
[72] DAI, SHUNHONG, US
[72] GABBERT, KAREN, US
[72] GOLDSHMIDT, ALEXANDER, US
[72] HOWELL, MIYA D., US
[72] KARUNANANDAA, BALASULOJINI, US
[72] MANJUNATH, SIVALINGANNA, US
[72] MCDILL, BRADLEY W., US
[72] OVADYA, DANIEL J., US
[72] PREUSS, SASHA, US
[72] RICE, ELENA A., US
[72] SAVIDGE, BETH, US
[72] SHARMA, VIJAY K., US
[71] MONSANTO TECHNOLOGY LLC, US
[85] 2017-10-18
[86] 2016-04-18 (PCT/US2016/028130)
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[25] EN
[54] **ANTIBACTERIAL COMPOSITIONS**
[54] **COMPOSITIONS ANTI-BACTERIENNES**
[72] CHAUHAN, BHASKAR, IN
[72] NAGORI, RAJENDRA NANDLAL, IN
[72] YADAV, DHARMVIR SINGH, IN
[72] DEO, KESHAV, IN
[72] SHARMA, AVADHESH KUMAR, IN
[72] KUMAR, YATENDRA, IN
[71] WOCKHARDT LIMITED, IN
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[54] **FLEXIBLE FIXTURING**
[54] **FIXATION FLEXIBLE**
[72] ZAK, ALEXANDER, US
[72] GABBIANELLI, FRANK, US
[72] ANGADI, RAJESH, US
[71] MAGNA INTERNATIONAL INC., CA
[85] 2017-10-17
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[54] **SWARM IMMUNIZATION WITH ENVELOPES FROM CH505**
[54] **IMMUNISATION EN ESSAIM AU MOYEN D'ENVELOPPES DE CH505**
[72] HAYNES, BARTON F., US
[72] LIAO, HUA-XIN, US
[72] KORBER, BETTE T., US
[72] HRABER, PETER T., US
[71] DUKE UNIVERSITY, US
[71] LOS ALAMOS NATIONAL SECURITY, LLC, US
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[54] **COMPOUNDS, COMPOSITIONS AND METHODS FOR INHIBITING CNKSR1**
[54] **COMPOSES, COMPOSITIONS ET PROCEDES POUR INHIBER CNKSR1**
[72] KIRKPATRICK, D. LYNN, US
[72] INDARTE, MARTIN, US
[71] PHUSIS THERAPEUTICS, INC., US
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[25] EN
[54] **ONE USE WEARABLE**
[54] **DISPOSITIF VESTIMENTAIRE A USAGE UNIQUE**
[72] DOUGLAS, LAWRENCE, US
[72] MORETON, PAUL, US
[71] CAPITAL ONE SERVICES, LLC, US
[85] 2017-10-18
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[25] EN
[54] **PAINT DETACKIFIER COMPOSITION AND USES THEREOF**
[54] **COMPOSITION ANTIADHESIVE POUR PEINTURE ET SES UTILISATIONS**
[72] CHEN, ZHE, CN
[72] SHEN, JIAN KUN, CN
[72] MIKNEVICH, JOSEPH, US
[72] YUAN, QING QING, CN
[72] ZHANG, MENG, CN
[72] CHEN, GUO, CN
[72] ZHOU, YUEMING, CN
[71] ECOLAB USA INC., US
[85] 2017-10-18
[86] 2016-04-22 (PCT/US2016/028889)
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[30] CN (2015101954685) 2015-04-23
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[25] EN
[54] **COMBINATION THERAPY FOR TREATING CANCER**
[54] **POLYTHERAPIE POUR LE TRAITEMENT DU CANCER**
[72] KEILHACK, HEIKE, US
[72] PILL, ROBERTO, US
[71] HEALTH RESEARCH, INC., US
[71] EPIZYME, INC., US
[85] 2017-10-18
[86] 2016-04-20 (PCT/US2016/028425)
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[54] **CV JOINT FOR DRILLING MOTOR AND METHOD**
[54] **JOINT CV POUR MOTEUR DE FORAGE ET PROCEDE**
[72] VON GYNZ-REKOWSKI, GUNTER HH, US
[72] HERBEN, WILLIAM C., US
[71] ASHMIN HOLDING LLC, US
[85] 2017-10-18
[86] 2016-04-14 (PCT/US2016/027400)
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[25] EN
[54] **WATER TEMPERATURE CONTROL SYSTEM AND METHOD**
[54] **SYSTEME ET PROCEDE DE REGULATION DE TEMPERATURE D'EAU**
[72] CHAKY, REBECCA CAROL, US
[71] CHAKY, REBECCA CAROL, US
[85] 2017-10-18
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[25] EN
[54] **METHOD AND SYSTEM FOR POWER EXCHANGE**
[54] **PROCEDE ET SYSTEME POUR ECHANGE D'ENERGIE**
[72] AHRENS, JASON, US
[71] AHRENS, JASON, US
[85] 2017-10-18
[86] 2016-04-22 (PCT/US2016/029011)
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[54] **ENDOSCOPE CLEANING DEVICE**
[54] **DISPOSITIF DE NETTOYAGE D'ENDOSCOPE**
[72] GUPTA, KAPIL, US
[71] CEDARS-SINAI MEDICAL CENTER, US
[85] 2017-10-17
[86] 2016-05-11 (PCT/US2016/031744)
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[25] EN
[54] **GLUCOSE-RESPONSIVE INSULIN DELIVERY SYSTEM USING HYPOXIA-SENSITIVE NANOCOMPOSITES**
[54] **SYSTEME D'ADMINISTRATION D'INSULINE REPONDANT AU GLUCOSE UTILISANT DES NANOCOMPOSITES SENSIBLES A L'HYPOXIE**
[72] GU, ZHEN, US
[72] YU, JICHENG, US
[71] NORTH CAROLINA STATE UNIVERSITY, US
[85] 2017-10-18
[86] 2016-04-21 (PCT/US2016/028605)
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[25] EN
[54] **MOTION COMPENSATION FOR DRILL PIPE**
[54] **COMPENSATION DE MOUVEMENT POUR UNE TIGE DE FORAGE**
[72] BOURGEAU, EDWARD PETER KENNETH, US
[72] WU, YIN, US
[71] TRANSOCEAN SEDCO FOREX VENTURES LIMITED, KY
[85] 2017-10-18
[86] 2016-04-21 (PCT/US2016/028654)
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[51] **Int.Cl. A23J 1/14 (2006.01) A61K 36/00 (2006.01)**
[25] EN
[54] **PLANT BASED PROTEIN EXTRACTION METHOD AND SYSTEM**
[54] **PROCEDE ET SYSTEME D'EXTRACTION DE PROTEINES D'ORIGINE VEGETALE**
[72] SPINELLI, MICHAEL, US
[72] SINGH, KRISAN, US
[72] BRAND, REINHOLD, US
[71] NUTRIATI, INC., US
[85] 2017-10-18
[86] 2016-04-22 (PCT/US2016/028752)
[87] (WO2016/172418)
[30] US (14/694,341) 2015-04-23
[30] US (14/997,744) 2016-01-18
[30] US (15/014,882) 2016-02-03

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[25] EN
[54] **BILAYERED DEVICES FOR ENHANCED HEALING**
[54] **DISPOSITIFS A DEUX COUCHES POUR CICATRISATION AMELIOREE**
[72] MAGIN, CHELSEA MARIE, US
[72] BRENNAN, ANTHONY B., US
[72] WILLENBERG, BRADLEY JAY, US
[72] SCHULTZ, GREGORY SCOTT, US
[72] NEALE, DYLAN BURTON, US
[71] SHARKLET TECHNOLOGIES, INC., US
[71] UNIVERSITY OF FLORIDA RESEARCH FOUNDATION, INC., US
[85] 2017-10-18
[86] 2016-04-25 (PCT/US2016/029122)
[87] (WO2017/011050)
[30] US (62/151,875) 2015-04-23
[30] US (62/151,936) 2015-04-23
[30] US (62/261,407) 2015-12-01

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[25] EN
[54] **MODULATORS OF ROR1-ROR2 BINDING**
[54] **MODULATEURS DE LA LIAISON ROR1-ROR2**
[72] KIPPS, THOMAS J., US
[72] YU, JIAN, US
[71] THE REGENTS OF THE UNIVERSITY OF CALIFORNIA, US
[85] 2017-10-18
[86] 2016-04-25 (PCT/US2016/029250)
[87] (WO2016/172726)
[30] US (62/152,424) 2015-04-24

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[13] A1
[51] **Int.Cl. E04G 5/06 (2006.01) E04G 5/14 (2006.01) E04G 7/08 (2006.01)**
[25] EN
[54] **A LOCKABLE SCAFFOLD TOEBOARD SYSTEM**
[54] **SYSTEME DE PLINTHE VERROUILLABLE POUR ECHAFAUDAGE**
[72] HAYMAN, YATES WESTLEY, US
[72] CURTIS, JOHNNY, US
[71] DELTAK MANUFACTURING, INC., US
[85] 2017-10-18
[86] 2016-04-22 (PCT/US2016/028892)
[87] (WO2016/172513)
[30] US (62/152,490) 2015-04-24

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[51] **Int.Cl. A61J 1/05 (2006.01)**
[25] EN
[54] **ANAEROBIC BLOOD STORAGE CONTAINERS**
[54] **RECIPIENTS DE STOCKAGE DE SANG ANAEROBIE**
[72] YOSHIDA, TATSURO, US
[72] CORDERO, RAFAEL, US
[72] SARITA, JANCARLO, US
[72] ZOCCHI, MICHAEL, US
[72] WOLF, MICHAEL, US
[72] KEEGAN, PHILIP MICHAEL, US
[72] RENGANATHAN, NARENDRAN, US
[72] SUTTON, JEFFREY KARL, US
[71] NEW HEALTH SCIENCES, INC., US
[85] 2017-10-18
[86] 2016-04-22 (PCT/US2016/029069)
[87] (WO2016/172645)
[30] US (62/151,839) 2015-04-23
[30] US (62/151,957) 2015-04-23

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[51] **Int.Cl. A61K 36/899 (2006.01) A61K 31/352 (2006.01) A61P 31/12 (2006.01) A61P 37/00 (2006.01) A61P 39/06 (2006.01)**
[25] EN
[54] **PLANT-BASED BIOLOGICALLY ACTIVE SUBSTANCE HAVING A POLYPHARMACOLOGICAL EFFECT**
[54] **SUBSTANCE BIOACTIVE D'ORIGINE VEGETALE A ACTION POLY-PHARMACEUTIQUE**
[72] ATAMANIUK, VICTOR, UA
[71] ATAMANIUK, VICTOR, UA
[71] NOVIK, ANATOLII, UA
[85] 2017-10-18
[86] 2015-10-28 (PCT/UA2015/000101)
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[30] UA (a 2015 03915) 2015-04-24

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[51] **Int.Cl. A23B 4/16 (2006.01) A01F 25/14 (2006.01) A23L 3/3409 (2006.01) B65D 81/18 (2006.01) B65D 88/74 (2006.01)**
[25] EN
[54] **CONTROLLED ENVIRONMENT SHIPPING CONTAINERS**
[54] **RECIPIENT D'EXPEDITION A ENVIRONNEMENT CONTROLE**
[72] GOLDMAN, JOSHUA N., US
[71] AUSTRALIS AQUACULTURE, LLC, US
[85] 2017-10-18
[86] 2015-04-23 (PCT/US2015/027317)
[87] (WO2015/167930)
[30] US (61/986,210) 2014-04-30

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[51] **Int.Cl. F16N 37/00 (2006.01) B67D 99/00 (2010.01) F17C 5/02 (2006.01)**
[25] EN
[54] **NEW AND IMPROVED GREASE DELIVERY SYSTEM**
[54] **NOUVEAU SYSTEME DE DISTRIBUTION DE GRAISSE AMELIORE**
[72] EDWARDS, JASON B., CA
[71] EDWARDS, JASON B., CA
[71] NCH CORPORATION, US
[85] 2017-10-18
[86] 2015-12-15 (PCT/US2015/065820)
[87] (WO2016/100341)
[30] US (62/092,064) 2014-12-15

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[51] **Int.Cl. G09F 7/08 (2006.01)**
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[54] **UNIVERSAL SIGNAGE FRAME KIT FOR A POINT OF PURCHASE INTERFACE SUCH AS A SPEAKER POST**
[54] **KIT UNIVERSEL D'OSSATURE DE SIGNALISATION POUR INTERFACE DE POINT D'ACHAT COMME UN MONTANT DE HAUT-PARLEUR**
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[71] VISUAL GRAPHIC SYSTEMS INC., US
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[54] **SYSTEM AND METHOD FOR HANDLING EVENTS INVOLVING COMPUTING SYSTEMS AND NETWORKS USING FABRIC MONITORING SYSTEM**
[54] **SYSTEME ET PROCEDE DE GESTION D'EVENEMENTS IMPLIQUANT DES SYSTEMES ET DES RESEAUX INFORMATIQUES A L'AIDE D'UN SYSTEME DE SURVEILLANCE DE MATRICE**
[72] ANDERSON, ROBERT, US
[72] BERMAN, ILIA, US
[72] BILLIS, KEITH, US
[72] JOSHI, AMOL, US
[71] GOLDMAN SACHS & CO. LLC, US
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[54] **COMPOSITIONS AND METHODS FOR ALLERGEN DETECTION**
[54] **COMPOSITIONS ET PROCEDES POUR LA DETECTION D'ALLERGENES**
[72] GILBOA-GEFFEN, ADI, US
[71] DOTS TECHNOLOGY CORP., US
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[54] **THERAPEUTIC ANTIBODIES AND USES THEREOF**
[54] **ANTICORPS THERAPEUTIQUES ET UTILISATIONS DE CEUX-CI**
[72] WALSH, BRADLEY, AU
[72] CAMPBELL, DOUGLAS, AU
[72] WISSMUELLER, SANDRA, AU
[71] MINOMIC INTERNATIONAL LTD., AU
[85] 2017-10-19
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[54] **MIXED DISULFIDE CONJUGATES OF THIENOPYRIDINE COMPOUNDS AND USES THEREOF**
[54] **CONJUGUES DISULFURES MIXTES DE COMPOSES THIENOPYRIDINES ET UTILISATIONS DE CEUX-CI**
[72] ZHANG, HAOMING, US
[71] THE REGENTS OF THE UNIVERSITY OF MICHIGAN, US
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[54] **COAL-DERIVED MINERAL MATTER AS A SOIL AMENDMENT**
[54] **MATIERE MINERALE DERIVEE DU CHARBON UTILISEE COMME AMENDEMENT DU SOL**
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[72] HODSON, SIMON K., US
[71] EARTH TECHNOLOGIES USA LIMITED, US
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[54] **COOKING GRILL USING PELLET FUEL**
[54] **GRIL DE CUISSON UTILISANT DU COMBUSTIBLE EN PASTILLES**
[72] MCADAMS, TOM, CA
[72] HOFER, ETHAN, CA
[72] DNESTRIANSCHII, LUCIEN, CA
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[54] **AMPHIPHILIC SILOXANE-CONTAINING VINYLIC MONOMERS AND USES THEREOF**
[54] **MONOMERES VINYLIQUES CONTENANT UN SILOXANE AMPHIPHILE ET LEURS UTILISATIONS**
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[71] NOVARTIS AG, CH
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[54] **FOOD PRODUCTS COMPRISING A SLOWLY DIGESTIBLE OR DIGESTION RESISTANT CARBOHYDRATE COMPOSITION**
[54] **PRODUITS ALIMENTAIRES INCLUANT UNE COMPOSITION D'HYDRATE DE CARBONE RESISTANTE A LA DIGESTION OU A DIGESTIBILITE LENTE**
[72] HARRISON, MICHAEL D., US
[72] PURDUE, JAMES C., US
[72] PATTON, PENELOPE A., US
[72] HOFFMAN, ANDREW J., US
[72] GADDY, JAMES M., US
[72] LIU, CHI-LI, US
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[72] CLAESSENS, MARIANNE, US
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[72] MERTZ, TIMOTHY C., US
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[54] **COMPOSITE TOOL HOLDER**
[54] **SUPPORT POUR OUTIL EN COMPOSITE**
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[51] **Int.Cl. C07H 19/10 (2006.01) C07H 19/06 (2006.01) C12Q 1/68 (2006.01)**
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[54] **NUCLEOTIDES AND NUCLEOSIDES AND METHODS FOR THEIR USE IN DNA SEQUENCING**
[54] **NUCLEOTIDES ET NUCLEOSIDES ET PROCEDES POUR LEUR UTILISATION DANS LE SEQUENCAGE DE L'ADN**
[72] LITOSH, VLADISLAV A., US
[72] HERSH, MEGAN N., US
[72] STUPI, BRIAN P., US
[72] WU, WEIDONG, US
[72] METZKER, MICHAEL L., US
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[54] **AUTOMATIC NETWORK DESIGN**
[54] **CONCEPTION AUTOMATIQUE DE RESEAUX**
[72] BASSIRI, MASOUD, SG
[72] ZHANG, HUA, SG
[72] CAMPBELL, DUNCAN KARL GORDON, SG
[72] FORUGHIAN, TOORAJ, SG
[72] DANIEL, NEIL, SG
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[51] **Int.Cl. G10L 19/24 (2013.01) G10L 19/035 (2013.01)**
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[54] **CONCEPT FOR CODING MODE SWITCHING COMPENSATION**
[54] **CONCEPT DE COMPENSATION DE COMMUTATION DE MODE DE CODAGE**
[72] DIETZ, MARTIN, DE
[72] FOTOPOULOU, ELENI, DE
[72] LECOMTE, JEREMIE, DE
[72] MULTRUS, MARKUS, DE
[72] SCHUBERT, BENJAMIN, DE
[71] FRAUNHOFER-GESELLSCHAFT ZUR FORDERUNG DER ANGEWANDTEN FORSCHUNG E.V., DE
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[62] 2,898,572
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[51] **Int.Cl. C07K 7/62 (2006.01) C07K 7/50 (2006.01) C12Q 1/02 (2006.01) C12Q 1/18 (2006.01)**
[25] EN
[54] **SHORT FATTY ACID TAIL POLYMYXIN DERIVATIVES AND USES THEREOF**
[54] **DERIVES DE POLYMYXINE A QUEUE ACIDE GRAS COURT ET LEURS UTILISATIONS**
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[72] VAARA, TIMO, FI
[71] NORTHERN ANTIBIOTICS OY, FI
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[54] **DRUG ELUTING OCULAR IMPLANT**
[54] **IMPLANT OCULAIRE A ELUTION DE MEDICAMENT**
[72] HAFFNER, DAVID, US
[72] CURRY, KEN, US
[72] HEITZMANN, HAROLD, US
[72] APPLEGATE, DAVID, US
[71] DOSE MEDICAL CORPORATION, US
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[51] **Int.Cl. H04N 19/635 (2014.01) H04N 19/159 (2014.01)**
[25] EN
[54] **IMAGE ENCODING DEVICE, IMAGE DECODING DEVICE, IMAGE ENCODING METHOD, AND IMAGE DECODING METHOD**
[54] **DISPOSITIF DE CODAGE D'IMAGE, DISPOSITIF DE DECODAGE D'IMAGE, PROCEDE DECODAGE D'IMAGE ET PROCEDE DE DECODAGE D'IMAGE**
[72] MINEZAWA, AKIRA, JP
[72] SUGIMOTO, KAZUO, JP
[72] SEKIGUCHI, SHUNICHI, JP
[71] MITSUBISHI ELECTRIC CORPORATION, JP
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[25] EN
[54] **MUTANT RECEPTORS AND THEIR USE IN A NUCLEAR RECEPTOR-BASED INDUCIBLE GENE EXPRESSION SYSTEM**
[54] **RECEPTEURS MUTANTS ET LEUR UTILISATION DANS UN SYSTEME D'EXPRESSION DE GENE INDUCTIBLE BASE SUR UN RECEPTEUR NUCLEAIRE**
[72] PALLI, SUBBA REDDY, US
[72] KUMAR, MOHAN BASAVARAJU, CA
[71] INTREXON CORPORATION, US
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[25] EN
[54] **METHODS AND COMPOSITIONS FOR CONCRETE PRODUCTION**
[54] **PROCEDES ET COMPOSITIONS PERMETTANT DE FABRIQUER DU BETON**
[72] NIVEN, ROBERT, CA
[72] MONKMAN, GEORGE SEAN, CA
[72] FORGERON, DEAN PAUL, CA
[72] CAIL, KEVIN, US
[72] BROWN, JOSHUA JEREMY, CA
[72] SANDBERG, PAUL J., US
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[71] CARBONCURE TECHNOLOGIES INC., CA
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[54] **SYSTEM AND METHOD FOR ADVERTISEMENT DELIVERY WITHIN A VIDEO TIME SHIFTING ARCHITECTURE**
[54] **SYSTEME ET METHODE DE LIVRAISON PUBLICITAIRE DANS UNE ARCHITECTURE A DECALAGE TEMPOREL VIDEO**
[72] RIEDL, STEVE, US
[72] URDANG, ERICK, US
[72] GONDER, TOM, US
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[54] **PROGRAM STORAGE, RETRIEVAL AND MANAGEMENT BASED ON SEGMENTATION MESSAGES**
[54] **STOCKAGE, EXTRACTION ET GESTION UTILISANT DES MESSAGES DE SEGMENTATION**
[72] CARLUCCI, JOHN B., US
[72] WILLIAMSON, LOUIS D., US
[72] CALLAHAN, JOHN W., US
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[54] **ABOVE-LOCK CAMERA ACCESS**
[54] **ACCES A UN APPAREIL PHOTOGRAPHIQUE EN SURVERROUILLAGE**
[72] BANDYOPADHYAY, SHAMIK, US
[72] BARNETT, DONALD A., US
[72] KAPOOR, VIKRAM, US
[72] LAW, VERONICA Y., US
[72] LEMSON, KATHRYN C., US
[72] SENGUPTA, TIRTHANKAR, US
[72] TYAMAGUNDLU, DIVYA, US
[72] BILAL, AHMAD, US
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[25] EN
[54] **AN APPARATUS FOR ENCODING A SPEECH SIGNAL EMPLOYING ACELP IN THE AUTOCORRELATION DOMAIN**
[54] **APPAREIL POUR CODER UN SIGNAL DE PAROLE EMPLOYANT ACELP DANS LE DOMAINE D'AUTOCORRELATION**
[72] BACKSTROM, TOM, DE
[72] MULTRUS, MARKUS, DE
[72] FUCHS, GUILLAUME, DE
[72] HELMRICH, CHRISTIAN, DE
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[25] EN
[54] **DETECTION OF TARGET NUCLEIC ACID SEQUENCES BY PTO CLEAVAGE AND EXTENSION ASSAY**
[54] **DETECTION DE SEQUENCES D'ACIDES NUCLEIQUES CIBLES PAR ANALYSE PAR CLIVAGE PTO ET EXTENSION**
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[72] LEE, YOUNG JO, KR
[71] SEEGENE, INC., KR
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[54] **IMPACT EXTRUDED CONTAINERS FROM RECYCLED ALUMINUM SCRAP**
[54] **CONTENANTS FILES PAR CHOC A PARTIR DE DECHETS D'ALUMINIUM RECYCLES**
[72] SILES, JOHN L., US
[72] MELANCON, SAMUEL, CA
[72] PLATEK, STANLEY M., US
[72] CHATEY, ANTHONY, CZ
[71] BALL CORPORATION, US
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[54] **AN APPARATUS FOR ENCODING A SPEECH SIGNAL EMPLOYING ACELP IN THE AUTOCORRELATION DOMAIN**
[54] **APPAREIL POUR CODER UN SIGNAL DE PAROLE EMPLOYANT ACELP DANS LE DOMAINE D'AUTOCORRELATION**
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[72] MULTRUS, MARKUS, DE
[72] FUCHS, GUILLAUME, DE
[72] HELMRICH, CHRISTIAN, DE
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[54] **PROCEDE ET SYSTEME A LIAISONS CROISEES SPINALES PERCUTANEES**
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[72] DOMBROWSKI, LORI, US
[72] REITBLAT, ABRAM, US
[72] TALIJAN, DAVID, US
[71] STRYKER EUROPEAN HOLDINGS I, LLC, US
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[25] EN
[54] **SINGLE-PRIMER NUCLEIC ACID AMPLIFICATION METHODS**
[54] **TECHNIQUES D'AMPLIFICATION D'ACIDE NUCLEIQUE AVEC UNE SEULE AMORCE**
[72] BECKER, MICHAEL M., US
[72] LAM, WAI-CHUNG, US
[72] LIVEZEY, KRISTIN W., US
[72] BRENTANO, STEVEN T., US
[72] KOLK, DANIEL P., US
[72] SCHRODER, ASTRID R. W., US
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[54] **SAC DE STOCKAGE PRESENTANT DES CARACTERISTIQUES D'ONDULATION**
[72] DAIS, BRIAN C., US
[72] MUSALIAR, IMTIAZ A., US
[72] LY, BUNLIM, US
[72] PORCHIA, JOSE, US
[72] STARK, TIMOTHY D., US
[72] HORN, JONATHAN DAVID, US
[72] WEISENBERGER, PAMELA J., US
[72] ALTHOFF, CHARLES P., US
[72] COHEN, ERICA EDEN, US
[71] S.C. JOHNSON & SON, INC., US
[22] 2013-09-26
[41] 2014-04-03
[62] 2,886,031
[30] US (13/631,549) 2012-09-28
[30] US (13/631,513) 2012-09-28

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[21] **2,981,035**
[13] A1
[51] **Int.Cl. B65D 47/20 (2006.01) A61J 9/00 (2006.01) B65D 47/08 (2006.01) B65D 83/00 (2006.01)**
[25] EN
[54] **FLUID CONTAINMENT AND DISPENSING SYSTEM**
[54] **SYSTEME DE CONFINEMENT ET DE DISTRIBUTION DE FLUIDE**
[72] COSTELLO, MARK MARTIN, IE
[72] DOHERTY, TONY, IE
[72] INGRAM, AARON N., US
[72] LAIR, ANTHONY C., US
[71] NEOMED, INC., US
[22] 2011-07-27
[41] 2012-02-02
[62] 2,806,575
[30] US (61/368,023) 2010-07-27
[30] US (61/388,057) 2010-09-30
[30] US (61/418,961) 2010-12-02

[21] **2,981,299**
[13] A1
[51] **Int.Cl. B65D 47/34 (2006.01)**
[25] EN
[54] **ONE TURN ACTUATED DURATION SPRAY PUMP MECHANISM**
[54] **MECANISME DE POMPE DE PULVERISATION A DUREE D'ACTIONNEMENT SUR UN TOUR**
[72] BLAKE, WILLIAM SYDNEY, US
[71] ALTERNATIVE PACKAGING SOLUTIONS, LLC, US
[22] 2012-04-05
[41] 2013-10-10
[62] 2,869,662
[30] US (13/439,510) 2012-04-04

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[21] **2,981,317**
[13] A1
[51] **Int.Cl. G10L 19/26 (2013.01) G10L 19/02 (2013.01) H03H 17/02 (2006.01)**
[25] EN
[54] **COMPLEX EXPONENTIAL MODULATED FILTER BANK FOR HIGH FREQUENCY RECONSTRUCTION OR PARAMETRIC STEREO**
[54] **BANC DE FILTRES MODULES EXPONENTIELS COMPLEXES DESTINE A LA RECONSTRUCTION HAUTE FREQUENCE OU LA STEREO PARAMETRIQUE**
[72] EKSTRAND, PER, SE
[71] DOLBY INTERNATIONAL AB, NL
[22] 2010-02-17
[41] 2010-08-26
[62] 2,959,400
[30] SE (0900217-1) 2009-02-18
[30] US (61/257105) 2009-11-02

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[21] **2,981,328**
[13] A1
[51] **Int.Cl. G10L 19/26 (2013.01) G10L 19/02 (2013.01) H03H 17/02 (2006.01)**
[25] EN
[54] **COMPLEX EXPONENTIAL MODULATED FILTER BANK FOR HIGH FREQUENCY RECONSTRUCTION OR PARAMETRIC STEREO**
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[71] DOLBY INTERNATIONAL AB, NL
[22] 2010-02-17
[41] 2010-08-26
[62] 2,959,400
[30] SE (0900217-1) 2009-02-18
[30] US (61/257105) 2009-11-02

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[21] **2,981,351**
[13] A1
[51] **Int.Cl. G10L 19/26 (2013.01) G10L 19/02 (2013.01) H03H 17/02 (2006.01)**
[25] EN
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[71] DOLBY INTERNATIONAL AB, NL
[22] 2010-02-17
[41] 2010-08-26
[62] 2,959,400
[30] SE (0900217-1) 2009-02-18
[30] US (61/257105) 2009-11-02

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[21] **2,981,538**
[13] A1
[51] **Int.Cl. B65G 17/08 (2006.01) B65G 21/18 (2006.01)**
[25] EN
[54] **POSITIVE-DRIVE SPIRAL CONVEYOR AND BELT**
[54] **TRANSPORTEUR A VIS A ENTRAINEMENT FORCE ET BAND**
[72] TALSMA, CASPER FEDDE, ES
[72] BOGLE, DAVID W., US
[71] LAITRAM, L.L.C., US
[22] 2011-07-08
[41] 2012-01-19
[62] 2,804,787
[30] US (12/834,314) 2010-07-12
[30] US (61/479,620) 2011-04-27

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[21] **2,981,561**
[13] A1
[51] **Int.Cl. A61F 2/06 (2013.01)**
[25] EN
[54] **FLOW REDUCING IMPLANT**
[54] **IMPLANT REDUCTEUR DE FLUX**
[72] BEN MUVHAR, SHMUEL, IL
[72] SHALEV, ILAN, IL
[72] TSEHORI, JONATHAN, IL
[72] DARVISH, NISSIM, IL
[71] NEOVASC MEDICAL LTD., IL
[22] 2002-10-03
[41] 2003-04-10
[62] 2,870,392
[30] IL (145750) 2001-10-04
[30] IL (151162) 2002-08-08

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[21] **2,981,718**
[13] A1
[51] **Int.Cl. B01D 53/04 (2006.01)**
[25] EN
[54] **METHOD OF ADSORPTIVE GAS SEPARATION USING THERMALLY CONDUCTIVE CONTACTOR STRUCTURE**
[54] **PROCEDE DE SEPARATION DES GAZ PAR ADSORPTION A L'AIDE D'UNE STRUCTURE DE CONTACTEUR THERMIQUEMENT CONDUCTRICE**
[72] BOULET, ANDRE, CA
[71] INVENTYS THERMAL TECHNOLOGIES INC., CA
[22] 2011-08-26
[41] 2012-03-01
[62] 2,925,140
[30] US (61/377,875) 2010-08-27

[21] **2,981,896**
[13] A1
[51] **Int.Cl. B65D 47/34 (2006.01)**
[25] EN
[54] **ONE TURN ACTUATED DURATION SPRAY PUMP MECHANISM**
[54] **MECANISME DE POMPE DE PULVERISATION A DUREE ACTIONNEE PAR UN TOUR**
[72] BLAKE, WILLIAM SYDNEY, US
[71] ALTERNATIVE PACKAGING SOLUTIONS, LLC, US
[22] 2012-04-11
[41] 2013-10-17
[62] 2,909,241

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[21] **2,982,143**
[13] A1
[51] **Int.Cl. A47K 3/00 (2006.01) A61H 33/00 (2006.01)**
[25] EN
[54] **A METHOD AND SYSTEM FOR PROVIDING AMBIANCE SETTINGS IN A BATHING SYSTEM**
[54] **METHODE ET SYSTEME PERMETTANT DE FOURNIR UN DECOR D'AMBIANCE DANS UNE BAIGNOIRE**
[72] LAFLAMME, BENOIT, CA
[72] BROCHU, CHRISTIAN, CA
[71] GECKO ALLIANCE GROUP INC., CA
[22] 2011-10-17
[41] 2012-04-22
[62] 2,934,395
[30] US (12/910,615) 2010-10-22
[30] US (61/405,981) 2010-10-22
[30] US (12/916,160) 2010-10-29

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[21] **2,982,145**
[13] A1
[51] **Int.Cl. G01V 1/28 (2006.01)**
[25] EN
[54] **COUPLED TIME-DISTANCE DEPENDENT SWEPT FREQUENCY SOURCE ACQUISITION DESIGN AND DATA DE-NOISING**
[54] **CONCEPTION COUPLEE D'ACQUISITION DE SOURCE DE FREQUENCE BALAYEE DEPENDANT DU TEMPS/DISTANCE ET DE DEBRUITAGE DE DONNEES**
[72] HUO, SHOUDONG, SA
[72] PECHOLCS, PETER I., SA
[72] XU, HAI, SA
[71] SAUDI ARABIAN OIL COMPANY, SA
[22] 2012-05-10
[41] 2012-11-22
[62] 2,833,968
[30] US (61/485,737) 2011-05-13
[30] US (61/605,501) 2012-03-01

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[21] **2,982,282**
[13] A1
[51] **Int.Cl. F16D 65/02 (2006.01) F16B 1/00 (2006.01) F16M 13/02 (2006.01)**
[25] EN
[54] **INTEGRATED BRAKE COMPONENT MOUNTING BRACKET**
[54] **SUPPORT DE MONTAGE DE COMPOSANT DE FREIN INTEGRE**
[72] PIERCE, PHILLIPPI R., US
[72] RAMSEY, JOHN E., US
[71] HENDRICKSON USA, L.L.C., US
[22] 2013-10-25
[41] 2014-05-01
[62] 2,887,848
[30] US (61/718,777) 2012-10-26

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[21] **2,982,353**
[13] A1
[51] **Int.Cl. B29C 45/26 (2006.01) B29C 45/40 (2006.01) B29C 45/76 (2006.01)**
[25] EN
[54] **MOLDING SYSTEM HAVING AN ADJUSTABLE MOLD SHUT HEIGHT**
[54] **SYSTEME DE MOULAGE PRESENTANT UNE HAUTEUR DE FERMETURE DE MOULE REGLABLE**
[72] KMOCH, SVEN, DE
[72] FISCH, RALF W., DE
[72] WITZ, JEAN-CHRISTOPHE, FR
[71] HUSKY INJECTION MOLDING SYSTEMS LTD., CA
[22] 2013-02-01
[41] 2014-08-07
[62] 2,901,398

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[21] **2,982,550**
[13] A1
[51] **Int.Cl. A61M 15/00 (2006.01)**
[25] EN
[54] **A DRY POWDER INHALER AND SYSTEM FOR DRUG DELIVERY**
[54] **INHALATEUR DE POUDRE SECHE ET SYSTEME D'ADMINISTRATION DE MEDICAMENT**
[72] SMUTNEY, CHAD C., US
[72] KINSEY, P. SPENSER, US
[72] SAHI, CARL R., US
[72] ADAMO, BENOIT, US
[72] POLIDORO, JOHN M., US
[72] MCLEAN, SCOTT, US
[72] OVERFIELD, DENNIS O., US
[72] BRYANT, ANTHONY J., US
[72] HE, TOM, US
[72] MANN, ALFRED, US
[71] MANNKIND CORPORATION, US
[22] 2009-06-12
[41] 2009-12-17
[62] 2,728,230
[30] US (61/061,551) 2008-06-13
[30] US (61/157,506) 2009-03-04

[21] **2,982,572**
[13] A1
[51] **Int.Cl. A61N 1/05 (2006.01) A61N 1/36 (2006.01)**
[25] EN
[54] **IMPLANTABLE LEAD AFFIXATION STRUCTURE FOR NERVE STIMULATION TO ALLEVIATE BLADDER DYSFUNCTION AND OTHER INDICATIONS**
[54] **STRUCTURE DE FIXATION DE SONDE IMPLANTABLE POUR LA STIMULATION DES NERFS AFIN D'ATTENUER UN DYSFONCTIONNEMENT DE LA VESSIE ET D'AUTRES INDICATIONS**
[72] LEE, HENRY, US
[72] HWU, ALEXANDER, US
[71] AXONICS MODULATION TECHNOLOGIES, INC., US
[22] 2015-08-14
[41] 2016-02-18
[62] 2,957,962
[30] US (62/038122) 2014-08-15
[30] US (62/110274) 2015-01-30

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[21] **2,982,642**
[13] A1
[51] **Int.Cl. A61C 17/02 (2006.01)**
[25] EN
[54] **ORAL IRRIGATOR WITH SLIDE PAUSE SWITCH**
[54] **IRRIGATEUR BUCCAL DOTE D'UN INTERRUPTEUR DE PAUSE COULISSANT**
[72] TAYLOR, KURT M., US
[72] LUETTGEN, HAROLD A., US
[72] JOHNSON, JEREMY JAMES, US
[71] WATER PIK, INC., US
[22] 2014-11-26
[41] 2015-06-04
[62] 2,932,074
[30] US (61/909,738) 2013-11-27

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[21] **2,982,667**
[13] A1
[51] **Int.Cl. H01B 13/14 (2006.01) B29C 47/06 (2006.01) B32B 1/00 (2006.01) B32B 37/15 (2006.01) H01B 7/00 (2006.01)**
[25] EN
[54] **METHODS OF MANUFACTURING WIRE, MULTI-LAYER WIRE PRE-PRODUCTS AND WIRES**
[54] **PROCEDES DE FABRICATION D'UN FIL, PRE-PRODUITS DE FILS MULTICOUCHES ET FILS**
[72] KELLEY, FREDERICK J., US
[71] GENERAL CABLE INDUSTRIES, INC., US
[22] 2012-04-03
[41] 2012-12-20
[62] 2,829,948
[30] US (13/085,253) 2011-04-12

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[21] **2,982,972**
[13] A1
[51] **Int.Cl. E02B 3/00 (2006.01) E02B 7/00 (2006.01)**
[25] EN
[54] **WATER CONTROL GATE AND ACTUATOR THEREFORE**
[54] **VANNE DE GARDE D'EAU ET ACTIONNEUR CORRESPONDANT**
[72] OBERMEYER, HENRY K., US
[72] MO, T.W., KR
[72] ECKMAN, ROBERT D., US
[71] OBERMEYER, HENRY K., US
[22] 2002-07-09
[41] 2003-01-23
[62] 2,747,379
[30] US (60/304263) 2001-07-09
[30] US (60/329090) 2001-10-13
[30] US (60/334870) 2001-10-18
[30] US (60/343834) 2001-10-19
[30] US (60/379401) 2002-05-09

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[21] **2,982,999**
[13] A1
[51] **Int.Cl. B64C 27/615 (2006.01) B64C 11/18 (2006.01) B64C 27/473 (2006.01)**
[25] EN
[54] **ENHANCED PERFORMANCE ROTORCRAFT ROTOR BLADE**
[54] **PALE DE ROTOR POUR GIRAVION A RENDEMENT SUPERIEUR**
[72] PERLMAN, DAVID L., US
[71] THE BOEING COMPANY, US
[22] 2012-12-12
[41] 2013-09-27
[62] 2,798,727
[30] US (13/430,686) 2012-03-27

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BLACKBERRY LIMITED 2,823,965
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BLACKMAN, GORDON 2,815,765
BLAKBORN, WILLEM 2,785,604
BLANCHARD, PIERRE 2,864,760
BLANSIT, JEFFREY ALAN 2,771,249
BLECK, JAMES H. 2,812,960
BLOCHLE, HANS 2,894,221
BLUNDELL, CHARLES DOUGLAS 2,735,395
BLY IP INC. 2,890,851
BOBEAR, KAREN M. 2,581,719
BOECKNER, BARTHOLOMEW ALEXANDER 2,751,091
BOEHRINGER INGELHEIM INTERNATIONAL GMBH 2,775,961
BOEHRINGER INGELHEIM INTERNATIONAL GMBH 2,776,296
BOEKHOLTZ, EDO 2,785,702
BOELS, GAUTHIER 2,815,765
BOETTCHER, ERIC 2,778,879
BOETTGER, KARL 2,858,059
BOGAERT, THIERRY 2,622,660
BOGER, DALE L. 2,907,676
BOGGS, JOSEPH 2,837,286
BOHNKE, BERND 2,867,374
BOHNKE, BERND 2,867,629
BOIT, BAPTISTE 2,727,109
BOLLUND, LARS 2,719,704
BOLTON, CHRISTOPHER J. 2,852,415
BOMBARDELLI, EZIO 2,750,030
BONE THERAPEUTICS S.A. 2,710,571
BOREALIS AG 2,908,884
BORREGAARD AS 2,754,988
BOSTON FOUNDATION FOR SIGHT 2,685,990
BOSTON SCIENTIFIC NEUROMODULATION CORPORATION 2,911,235
BOSTON SCIENTIFIC SCIMED, INC. 2,892,261
BOSWORTH, WILLIAM R. 2,807,721
BOTARELLI, CLAUDIO 2,781,918
BOTHE, ULRICH 2,901,632
BOUDIN, DONIELLE 2,893,880
BOUILLON, PIERRE-ANTOINE 2,695,598
BOYCE, JILL 2,824,027
BP EXPLORATION OPERATING COMPANY LIMITED 2,763,847
BRACCO SUISSE S.A. 2,761,596
BRACCO SUISSE SA 2,769,164
BRACE, TERRELL MICHAEL 2,775,046
BRACEGIRDLE, LENORE M. 2,791,553
BRACEGIRDLE, PAUL E. 2,791,553
BRADLEY, DAVID L. 2,842,332
BRADY WORLDWIDE, INC. 2,892,611
BRANAGAN, DANIEL JAMES 2,667,095
BRANAGAN, DANIEL JAMES 2,779,476
BRANDWEIN, HARVEY J. 2,758,834
BRECHER, GERALD I. 2,812,960
BREESE, ROBERT 2,584,859
BREIDENBACH, VINCENT SEAN 2,919,376
BREIDENBACH, VINCENT SEAN 2,919,377
BREIDENBACH, VINCENT SEAN 2,919,378
BREITSAMETER, MICHAEL 2,667,095
BRINKMAN, HENK-JAN 2,882,691
BRITAX ROMER KINDERSICHERHEIT GMBH 2,912,034
BROMER INC. 2,925,962
BROT, PATRICE 2,740,280
BROWN, ANNETTE V. 2,769,199
BROWN, NIGEL WILLIS 2,766,071
BROWN, STEPHEN PHILLIP 2,753,147
BROWNLIE, LEONARD W. 2,766,898
BROX, MONICA L. 2,705,459
BRUCE, JOHN K. 2,761,052
BRUMLEY, BLAIR H. 2,885,595
BRUNDLE, ALAN 2,560,996
BRUNNER, MARTIN 2,864,760
BRUNSWICK CORPORATION 2,661,236
BUCHHOLZ, CHRISTIAN 2,911,564
BUDLER, NICHOLAS 2,884,459
BUFFA, JOSEPH 2,667,095
BUI, TUAN 2,560,996
BUJOLD, HERMEL 2,930,713
BULMER, JAMES H. 2,956,033
BUNDY, JOSEPH 2,867,162

BUNDY, JOSEPH 2,868,446
BURGESS, CHERYL M. 2,519,120
BURGETT, DOMINIQUE 2,925,516
BURKE, BRADLEY J. 2,916,414
BURNELL, ROSEMARY LOUISE 2,729,135
BURNETT, GEORGE ALEXANDER 2,856,188
BURNETT, JOHN C., JR. 2,693,303
BURNS, MARVIN DEAN 2,805,291
BUSCH, STEFAN 2,765,004
BUSE, DAVID 2,945,126
BUSEMANN, MATTHIAS 2,901,632
BUSQUETS XAUBET, XAVIER 2,745,052
BUTLER, BARRY A. 2,886,050
C4X DISCOVERY LIMITED 2,735,395
CABELL, DAVID WILLIAM 2,865,269
CADDELL, JAMES WALTER 2,720,603
CADOGAN, DAVID PHILLIP 2,962,394
CAHILL, ANTHONY 2,947,248
CAI, JUEXIAO 2,916,240
CALLIDA GENOMICS, INC. 2,624,896
CALLOW, MATTHEW J. 2,624,896
CALVO, LOUIS M. 2,731,940
CAMERON HEALTH, INC. 2,717,442
CAMFIL USA, INC. 2,768,354
CAMPBELL, DONALD H. 2,765,135
CAMPBELL, LOUIS A. 2,877,798
CAMSO INC. 2,512,299
CAMUS, MICHEL 2,702,288
CANON KABUSHIKI KAISHA 2,883,731
CAO, JIANXIN 2,839,969
CAPOIA, GIUSEPPE 2,797,617
CARBO, JORGE E., JR. 2,766,898
CARBON ENGINEERING LIMITED PARTNERSHIP 2,734,786
CARBONE, HENRY LOUIS, II 2,771,249
CARBONITE, INC. 2,894,649
CAREFUSION 2200, INC. 2,780,516
CAREFUSION 2200, INC. 2,780,519
CARLOTTO, PETER 2,893,880
CARLSON, JOHN F. 2,812,960
CARLSON, SCOTT 2,675,644
CARLSON, SCOTT 2,675,645
CARMEL, EHUD 2,825,445
CARRAUX, ERIC 2,732,256
CARREJO, NICHOLAS 2,897,777
CARRY, JEAN-CHRISTOPHE 2,767,064
CARTER, W. CRAIG 2,727,399
CARTICEPT MEDICAL, INC. 2,766,378
CASALIGGI, CLEMENT 2,786,631
CASPER, DANIEL 2,704,133
CASPER, DANIEL 2,704,138
CASTILLE, MATTHEW J. 2,900,496
CATALYST HEALTHCARE LTD. 2,616,511
CATERPILLAR INC. 2,802,410
CATTANEO, DAVIDE 2,740,860
CCC INFORMATION SERVICES INC. 2,653,385
CCL LABEL, INC. 2,705,459
CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE (CNRS) 2,668,906
CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE (CNRS) 2,732,232
CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE (CNRS) 2,744,431
CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE (CNRS) 2,778,875
CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE 2,540,103
CERTAL, VICTOR 2,767,064
CHAKRABORTY, SOMA 2,860,697
CHALFANT, LOUIS 2,736,419
CHAMBERS, JOHN GEORGE 2,759,825
CHAMNEY, PAUL 2,566,643
CHAN, WEI CAI 2,877,849
CHANG, LEI 2,584,859
CHANG, PAO-HO 2,903,037
CHANG, YUN 2,890,666
CHAO, YI-JU 2,899,629
CHARRIER, CEDRIC 2,797,437
CHARVET, RICHARD 2,739,546
CHARVOLIN, DELPHINE 2,668,906
CHAU, QUI 2,560,996
CHEE, MUN KONG 2,877,849
CHEMSPEED TECHNOLOGIES AG 2,424,670
CHEN, DANNY 2,843,796
CHEN, DAYONG 2,758,528
CHEN, HUI-YUN 2,833,443
CHEN, JEN MEI 2,881,157
CHENG, XUEFENG 2,852,980
CHENG, YAO-CHOU 2,897,793
CHEREWYK, BORIS (BRUCE) P. 2,716,039
CHERIAN, GEORGE 2,913,620
CHESNEAU, GUILLAUME 2,728,307
CHIANG, YET-MING 2,727,399
CHILLIARD, YVES 2,728,307
CHIR, ADAM PHILIP 2,791,900
CHITRAPU, PRABHAKAR R. 2,899,629
CHOI, BYEONG HO 2,818,932
CHOI, BYEONG-DOO 2,898,147
CHOI, CHUN WAI 2,896,769
CHOI, CRISWELL 2,725,460
CHOI, SUN MI 2,800,325
CHOWDHURY, DEWAN FAZLUL HOQUE 2,912,031
CHRONISTER, BENJAMIN 2,776,497
CILAG GMBH INTERNATIONAL 2,729,135
CIMINI, MICHAEL ORLANDO 2,720,603
CIRPUS, PETRA 2,558,726
CLARISSE, MARTINE 2,815,765
CLARK, ALASTAIR 2,683,913
CLARK, ALASTAIR 2,915,927
CLARK, CHRISTOPHER J. 2,892,261
CLARK, DAVID 2,748,695
CLARKE, DONOVAN S. 2,802,410
CLARKE, JONATHAN 2,761,728
CLEEVES, JAMES MONTAGUE 2,725,460
CMI UVK GMBH 2,884,787
COBB, LAURENCE J. 2,802,410
COCHRAN, BRYAN C. 2,807,295
COGLEY, PAUL ANDREW 2,721,885
COGNIS IP MANAGEMENT GMBH 2,765,004
COHEN GAZIT, BEN 2,960,452
COHEN, CLARK E. 2,760,701
COHEN, DAVID 2,810,892
COHEN, MARVIN 2,807,806
COHEN, SUSANNE 2,807,806
COHERENT NAVIGATION, INC. 2,760,701
COIEC, YVES-MARIE 2,540,103
COLGATE-PALMOLIVE COMPANY 2,842,046
COLLINS, IAN RALPH 2,763,847
COLLINS, STEPHEN MICHAEL 2,772,163
COLOPLAST A/S 2,719,470
CONLEY, CAROLE A. 2,877,139
CONNELL, JASON 2,960,131
CONNERY, KAREN 2,855,143
CONTROL COMPONENTS, INC. 2,777,051
COOK, JOSEPH R. 2,761,284
COOPER CROUSE-HINDS GMBH 2,658,505
COOPER CROUSE-HINDS GMBH 2,658,726
COOPER TECHNOLOGIES COMPANY 2,715,200
COOPER TECHNOLOGIES COMPANY 2,807,295
COOPER, ANTHONY 2,706,067
COOPER-STANDARD AUTOMOTIVE INC. 2,781,554
CORNET, DOUGLAS A. 2,792,240
CORONA GALVAN, SERGIO 2,783,871
COTTEN, STEVEN A. 2,719,200
COULTHARD, RICHARD DANIEL JOHN 2,790,411
COURTOIS, GILLES 2,540,103
COWAN, STEPHEN 2,689,579
COXON, DANNY WELDON 2,764,938
COY, JOHANNES 2,510,150
COYLE, DEVIN 2,909,293
CRABTREE, DONALD 2,675,644
CRABTREE, DONALD 2,675,645
CRAIG, ANTONY DUNCAN 2,753,147
CRANFILL, DAVID 2,765,135
CREVLING, ROBERT LENT, JR. 2,748,941
CROSBY, JARED MICHAEL 2,720,603
CROTHERS, ANDREW PAUL 2,821,307
CROUSE, GARY D. 2,769,199
CROWN PACKAGING TECHNOLOGY, INC. 2,777,915
CUBERES-ALTISENT, MARIA ROSA 2,781,744
CUMMINGS, DAVID CHARLES 2,771,378
CUNE CASTELLANA, JORDI 2,774,557
CYNETIC DESIGNS LTD. 2,715,937
CYTEC TECHNOLOGY CORP. 2,817,201

CYTOCHROMA DEVELOPMENT INC. 2,633,762
CZARNECKI, NEIL A. 2,771,760
D'ARCY, AMANDA JEAN 2,891,560
D'SOUZA, WARREN 2,781,536
DAHLEN, DENNIS 2,675,644
DAHLEN, DENNIS 2,675,645
DAHLGREN, ARON DAVID 2,771,249
DAI NIPPON PRINTING COMPANY LTD. 2,721,885
DAI-ICHI KOGYO SEIYAKU CO., LTD. 2,792,747
DAIICHI SANKYO COMPANY, LIMITED 2,897,731
DAILY, DAVID 2,825,445
DALMIA, AVINASH 2,755,966
DALZELL, RICHARD 2,908,994
DANA-FARBER CANCER INSTITUTE, INC. 2,789,696
DANDURAND, JULES 2,512,299
DANGER, JEAN-LUC 2,733,667
DASHE, JEREMY A. 2,771,704
DAVIDSON, GRANT ALLEN 2,924,281
DAVIDSON, KYLE ROBERT 2,902,878
DAVIDSON, MARK J. 2,831,712
DAVIS, MICHAEL E. 2,795,796
DAVIS, WAYNE R. 2,887,785
DAWE, DANIEL J. 2,930,483
DCNS 2,757,320
DE BONT, FRANS 2,830,633
DE BUEN, PETER 2,715,200
DE JONG, JANICE LEIGH 2,799,045
DE LA MONTE, SUZANNE MARIE 2,587,601
DE LARMINAT, PHILIPPE 2,841,640
DE QUEVEDO, WILLIAM GARCIA 2,954,249
DE WERGIFOSSE, ERIC 2,802,569
DECOSTA, THOMAS J. 2,773,290
DEHAN, CHRISTOPHE 2,918,995
DELOCHE, MANUEL 2,702,288
DELORT, JEAN-MARC 2,776,236
DELTA FAUCET COMPANY 2,835,363
DELTA FAUCET COMPANY 2,902,878
DEMIERRE, NICOLAS 2,745,580
DENT, ROBERT 2,924,378
DENTSPLY INTERNATIONAL INC. 2,741,423
DENTSPLY INTERNATIONAL INC. 2,776,497
DESHPANDE, MANOJ M. 2,881,157
DEVGEN NV 2,622,660
DEVOE, ALAN 2,924,814
DEVOE, LAMBERT 2,924,814
DEVRIES, ADAM M. 2,902,878
DEVRIES, CHRISTOPHER 2,769,642
DH TECHNOLOGIES DEVELOPMENT PTE. LTD. 2,767,444
DH TECHNOLOGIES DEVELOPMENT PTE. LTD. 2,779,747
DHANUKA, SULABH K. 2,902,479
DHEUR, JULIEN 2,778,875
DHONDY, NOSHIR 2,675,644
DHONDY, NOSHIR 2,675,645
DIALIGHT CORPORATION 2,818,151
DIALIGHT CORPORATION 2,875,781
DICK, STEPHEN G. 2,836,724
DIETRICH, DAVE 2,748,754
DIETRICH, FRANK 2,715,200
DIETZ, MARTIN 2,894,625
DING, JIAN 2,940,614
DISCH, SASCHA 2,887,939
DJUKIC, PETAR 2,915,317
DM SYSTEMS, INC. 2,758,799
DOBOS, KELLY 2,764,191
DODGE, CHRISTOPHER NATHAN 2,894,649
DODSON, ELIZABETH, CHEN 2,584,859
DOERFLER, THOMAS 2,793,785
DOERSCHNER, DAVID L. 2,904,823
DOHLA, STEFAN 2,830,633
DOHLA, STEFAN 2,899,013
DOISHITA, KENJI 2,896,342
DOLBY INTERNATIONAL AB 2,830,633
DOLBY INTERNATIONAL AB 2,922,256
DOLBY LABORATORIES LICENSING CORPORATION 2,924,281
DOLGIN, BENJAMIN G. 2,719,200
DOREAU, MICHEL 2,728,307
DOS SANTOS, GEORGE 2,773,484
DOUBLET, PIERRE 2,702,288
DOUGLASS, CARL, III 2,900,578
DOVER CHEMICAL CORPORATION 2,876,978
DOW AGROSCIENCES LLC 2,769,199
DOW AGROSCIENCES LLC 2,769,654
DRENNAN, DENIS BURKE 2,758,799
DRENTH, CHRISTOPHER L. 2,890,851
DRESE, ROBERT 2,772,129
DRMANAC, RADOJE 2,624,896
DRUGMAN, THOMAS 2,757,142
DSM IP ASSETS B.V. 2,951,350
DU TOIT, WILLEM HENDRIK 2,742,429
DUAN, WENHU 2,940,614
DUDUTA, MIHAI 2,727,399
DUFFY, GORDON 2,699,694
DUFFY, JASON 2,699,694
DUKE, DEBRA M. 2,731,827
DUKE, RICHARD C. 2,731,827
DUONG, LOC QUANG 2,888,919
DUTHIE, JASON 2,908,994
DUTOIT, THIERRY 2,757,142
DUVAL, CEDRIC 2,802,569
DUVAL, CHRISTINE 2,658,074
DVORAK, JAN 2,777,915
DVORAK, VOJTECH 2,939,734
DYKSTRA, JASON D. 2,915,958
DYNASOL ELASTOMEROS, S. A. 2,783,871
E. I. DU PONT DE NEMOURS AND COMPANY 2,719,741
E3D AGRICULTURAL COOPERATIVE ASSOCIATION LTD. 2,825,445
EAGAN, THOMAS 2,812,960
EAKER, SCOTT 2,745,099
EATON CORPORATION 2,714,920
EATON, MICHAEL W. 2,902,479
EBLE, BRANDON 2,875,416
ECHEVERRY, JAN M. 2,893,880
ECOFACTOR, INC. 2,800,491
ECOLAB INC. 2,685,966
ECOLAB INC. 2,771,249
EDIFIRE LLC 2,926,948
EDMONDS, SARAH 2,764,191
EDWARDS LIFESCIENCES CORPORATION 2,877,798
EEN, HANS 2,895,643
EHR, ROBERT 2,769,654
EIDSON, ELTON L. 2,930,483
EKSTRAND, PER 2,922,256
EL-HAGE, MOHAMMAD 2,823,965
ELGOYHEN, JEAN-PIERRE 2,564,760
ELHARDT, PAUL M. 2,930,483
ELKAIEM, ERIC 2,777,255
ELKO, DAVID 2,675,644
ELKO, DAVID 2,675,645
ELLIS, JOHN 2,778,410
ELLISON, JASON 2,899,870
ELSON, GREG 2,689,680
ELSTER, SCOTT 2,745,099
EMBER TECHNOLOGIES PTY LTD 2,761,564
EMBORG, MICHAEEL 2,854,552
EMERY, CAROLINE 2,789,696
EMERY, DARYLL A. 2,539,074
ENDOEVOLUTION, LLC 2,812,960
ENGLER, OLAF 2,882,691
ENVIROLOGICS ENGINEERING INC. 2,977,340
EON SURGICAL LTD. 2,830,957
EPITOPIX, LLC 2,539,074
EREMA ENGINEERING RECYCLING MASCHINEN UND ANLAGEN GESELLSCHAFT M.B.H. 2,851,665
EROGLU, HASAN 2,865,269
ESCRIBA RUIZ, PABLO VICENTE 2,745,052
ESPINOSA, ALEX 2,954,249
ESQUIVEL DE LA GARZA, ALEJANDRO CLAUDIO 2,783,871
ETHICON, INC. 2,766,789
EURO-CELTIQUE S.A. 2,755,208
EVEON 2,918,995
EVOLUTION ENGINEERING INC. 2,898,491
EXXONMOBIL UPSTREAM RESEARCH COMPANY 2,897,793
EXXONMOBIL UPSTREAM RESEARCH COMPANY 2,902,479
EYE THERAPIES LLC 2,732,521
EYSSAUTIER, HYUNJUNG SAMUEL 2,824,803
F. HOFFMANN-LA ROCHE AG 2,650,109
F. HOFFMANN-LA ROCHE AG 2,668,353
FABIYI, MALCOLM E. 2,855,143
FAHMY, SAMER 2,751,091
FAHRINGER, ALBERT 2,899,106

FAILLE, CHRISTINE 2,815,765
FALCONER, STEVEN R. 2,888,919
FALLBROOK INTELLECTUAL PROPERTY COMPANY LLC 2,930,483
FARES, HANI 2,788,691
FARIN, DANNY 2,830,957
FARRELL, MARK 2,651,172
FARRELL, RICHARD 2,651,172
FAUCHER, GATIEN 2,807,010
FEICHTINGER, KLAUS 2,851,665
FELCH, CHAD L. 2,828,969
FELDMANN, PASCALE 2,622,660
FELICETTI, MICHAEL 2,764,204
FENG, DAZENG 2,805,854
FENNINGTON, GEORGE J. 2,758,834
FERDINAND LUSCH GMBH & CO. KG 2,911,564
FERRER, LAURENT 2,777,034
FERRING B.V. 2,718,148
FERRO, ANDREW FRANK 2,720,603
FETTERLY, RICHARD H. 2,875,781
FEVOLA, MICHAEL J. 2,717,111
FIEDLER, TOBIAS 2,775,961
FILES, JACE WILLIAM 2,762,704
FINET, GERARD 2,744,431
FISCHER, JERRY 2,766,789
FISCHER, OLIVER MARTIN 2,901,632
FISHER, KENNETH ALLEN 2,868,446
FISHLER, BENJAMIN E. 2,888,919
FISSET, EMILIE 2,778,410
FLAMENT, FLORENT 2,733,667
FLANAGAN, JOHN 2,704,133
FLANAGAN, JOHN 2,704,138
FLEUTE-SCHLACHTER, INGO 2,765,004
FLIR SYSTEMS, INC. 2,833,167
FLYNN, BOB 2,807,806
FOLEY, ADAM J. 2,904,823
FOLEY, PETER MAURICE 2,799,438
FONIOK, MIKE 2,734,786
FORBES, JAMES W. 2,933,228
FORMULATED SOLUTIONS, LLC 2,731,940
FORRAI, GABORNE 2,779,937
FORTIER, STEPHANE 2,748,695
FORTIN, JACQUES 2,930,713
FOSTER, CATHERINE 2,514,840
FOTOPOULOU, ELENI 2,899,013
FOURNELL, JOSEPH 2,745,099
FRAM GROUP IP LLC 2,813,961
FRANK, JEFFREY D. 2,833,167
FRANK, PAUL 2,424,670
FRANK, RICHARD 2,912,034
FRANKE, JOCHEN 2,673,015
FRASER, GRAEME 2,662,897
FRAUNHOFER-GESELLSCHAFT ZUR FOERDERUNG DER ANGEWANDTEN FORSCHUNG E.V. 2,786,943
FRAUNHOFER-GESELLSCHAFT ZUR FOERDERUNG DER ANGEWANDTEN FORSCHUNG E.V. 2,943,460
FRAUNHOFER-GESELLSCHAFT ZUR FORDERUNG DER ANGEWANDTEN FORSCHUNG E.V. 2,830,633
FRAUNHOFER-GESELLSCHAFT ZUR FORDERUNG DER ANGEWANDTEN FORSCHUNG E.V. 2,887,939
FRAUNHOFER-GESELLSCHAFT ZUR FORDERUNG DER ANGEWANDTEN FORSCHUNG E.V. 2,894,625
FRAUNHOFER-GESELLSCHAFT ZUR FORDERUNG DER ANGEWANDTEN FORSCHUNG E.V. 2,899,013
FREEMAN, ERNEST 2,917,678
FREEMAN, KYLE A. 2,688,832
FREESE, ROBERT P. 2,879,750
FRESENIUS MEDICAL CARE DEUTSCHLAND GMBH 2,566,643
FRESENIUS MEDICAL CARE HOLDINGS, INC. 2,810,549
FREW, ROGER 2,724,901
FRIED, WAYNE 2,774,795
FRIEDRICH, JOERG 2,738,845
FRINKING, PETER 2,761,596
FRINKING, PETER 2,769,164
FRISCH, STEPHAN 2,894,124
FRITJOFSSON, PER-ARNE 2,779,434
FRUECHT, JOHANNES 2,658,505
FUCHS, GUILLAUME 2,899,013
FUEG, SIMONE 2,943,460
FUERSTENBERGER, FRANZ 2,738,845
FUJITSU LIMITED 2,808,918
FUJITSU LIMITED 2,899,536
FUJIWARA, YUSUKE 2,917,119
FUKOKU CO., LTD. 2,848,559
FULLER, JOHN WILLIAM EDWARD 2,784,458
FUNDACION CENTRO NACIONAL DE INVESTIGACIONES ONCOLOGICAS CARLOS III 2,756,759
FUNK, MICHAEL-HEINZ 2,905,475
FURGIUELE, NAOMI 2,754,838
FURKA, BEATA 2,779,937
GABRIELII, INGE 2,895,643
GAHLETINER, MARKUS 2,908,884
GALUSHA, BRYAN T. 2,760,701
GALYEAN, ROBERT 2,718,148
GANE, PATRICK A. C. 2,871,097
GANTENBEIN, DANIEL 2,871,097
GAO, YIJIE 2,821,130
GAO, YING-YING 2,694,767
GARCIA, JESUS A. 2,888,919
GARCIA-COUCEIRO, URKO 2,781,744
GARDNER, JOSEPH B. 2,717,111
GARRAWAY, LEVI 2,789,696
GARRETT THERMAL SYSTEMS LIMITED 2,858,059
GARUTI, JOHN, JR. 2,731,940
GAWANDE, PURUSHOTTAM 2,720,301
GE AVIATION SYSTEMS LLC 2,775,046
GE AVIATION SYSTEMS LLC 2,829,683
GE JENBACHER GMBH & CO OG 2,899,106
GE RENEWABLE TECHNOLOGIES 2,824,171
GEBESHUBER, ANDREAS 2,881,069
GELES, KENNETH G. 2,821,130
GELONESE, GUISEPPE ANTONIO 2,761,564
GEN-PROBE INCORPORATED 2,945,126
GENERAL ELECTRIC COMPANY 2,706,267
GENERAL ELECTRIC COMPANY 2,720,603
GENERAL ELECTRIC COMPANY 2,742,429
GENERAL ELECTRIC COMPANY 2,764,938
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LISCHEWSKI, VOLKER 2,764,204
LIU, JINLIAN 2,839,969
LIU, LEI 2,769,654
LIU, ZEXIN 2,865,533
LLADO CANELLAS, VICTORIA 2,745,052
LOCKE, CHRISTOPHER BRIAN 2,790,411
LOCKE, CHRISTOPHER BRIAN 2,795,233
LOGAN, AARON W. 2,898,491
LOGAN, JUSTIN C. 2,898,491
LOGAN, KEVIN D. 2,856,838
LOHR, CHARLES B. 2,930,483
LOMBARD, ANTHONY 2,894,625
LONG, CHARLES F. 2,784,373

LONG, CHARLES, F. 2,784,458
LONG, JUSTIN ALEXANDER 2,726,027
LOPEZ, DANIEL 2,745,052
LORENZ, CHRISTIAN 2,823,965
LOU, XINSHENG 2,715,983
LOUKAS, TOMMI 2,941,289
LOUTBROGAARD HOLDING APS 2,792,627
LOVASZ, SANDOR 2,779,937
LOVETRI, KAREN 2,720,301
LTS LOHMANN THERAPIE-SYSTEME AG 2,746,869
LTS LOHMANN THERAPIE-SYSTEME AG 2,780,787
LUETTGEN, HAROLD A. 2,905,566
LUFF, BRADLEY JONATHAN 2,805,854
LUKIC, DRAGAN 2,749,256
LULING, MARTIN G. 2,802,796
LUND, MICHAEL 2,909,150
LUO, WEI 2,917,952
LUYKS, LEO JOHN 2,846,974
LV, YONGCONG 2,940,614
LYTIX BIOPHARMA AS 2,709,884
MA, JIANGLEI 2,915,317
MA, SHA 2,858,391
MACH, MICHAELA 2,884,787
MACINGA, DAVID 2,764,191
MACKENZIE, PAUL 2,778,410
MACLENNAN, JAMES ROBERT 2,879,750
MACULEWICZ, SLAWOMIR ANDRZEJ 2,875,257
MADHYASTHA, SRINIVASA 2,720,301
MAERSK OLIE OG GAS A/S 2,785,702
MAGIATIS, PROKOPIOS 2,732,232
MAHLER, BARRY ASHER 2,719,741
MAHMOUDKHANI, MARYAM 2,734,786
MAINX, HANS-GEORG 2,765,004
MAIWALD, ANDREAS 2,790,255
MAKIN, INDER RAJ S. 2,860,065
MALASSENET, FRANCOIS JACQUES 2,695,533
MALINOWSKI, KATHLEEN 2,781,536
MALLINCKRODT NUCLEAR MEDICINE LLC 2,913,373
MANGOLD, ELMAR 2,924,378
MANNEY, THOMAS CHRISTOPHER 2,799,438
MANWARING, MICHAEL 2,792,240
MARCOUT, ANNE 2,776,236
MARELI, LIOR 2,825,445
MARONEY, MICHAEL R. 2,944,996
MAROUSE, LOIC 2,804,068
MAROUSE, LOIC 2,804,070
MARQUARDT, TOBIAS 2,901,632
MARSAULT, ERIC 2,662,897
MARSCHKE, BRYAN DUSTIN 2,891,560
MARSHALL, DAVID FRANK 2,904,016
MARTIN, ANDREW 2,713,974
MARTIN, CECILE 2,728,307
MARTINEZ GONZALEZ, SONIA 2,756,759
MARX, THOMAS 2,668,353
MASCAGNI, PAOLO 2,738,081
MASON, MIRANDA L. 2,581,719
MASONITE CORPORATION 2,770,897
MASSACHUSETTS INSTITUTE OF TECHNOLOGY 2,727,399
MASTERCARD INTERNATIONAL INCORPORATED 2,383,632
MATSUMOTO, YOSHIMI 2,848,559
MATSUZAKI, KAZUTOSHI 2,915,590
MATSUZAWA, KATSUYASU 2,973,461
MATTER, CRAIG E. 2,719,200
MATUSCH, RUDOLF 2,746,869
MAXILODA LIMITED 2,700,202
MAYO FOUNDATION FOR MEDICAL EDUCATION AND RESEARCH 2,693,303
MCARTHUR, CHRISTOPHER S. 2,890,533
MCBEE, BRUCE W. 2,807,295
MCCARTT, BIANCA MARY 2,720,603
MCCONNELL, KIMBERLY NICHOLE 2,919,376
MCCONNELL, KIMBERLY NICHOLE 2,919,377
MCCONNELL, KIMBERLY NICHOLE 2,919,378
MCDANIEL, LOREN T. 2,930,483
MCDONALD, DANIEL J. 2,899,549
MCFADYEN, STEPHEN 2,761,728
MCGAFFIGAN, THOMAS H. 2,893,880
MCGARRY, JAMES 2,824,765
MCGRAIL, PATRICK TERENCE 2,817,201
MCKENZIE, DONALD SOMERSET MCCULLOCH 2,819,839
MCLEAN, PETER 2,772,163
MCLEOD, CASANDRA 2,769,199
MCMENAMIN, MARTIN 2,904,823
MCNEIL-PPC, INC. 2,754,838
MEACHAM, BRIAN E. 2,779,476
MEADE, JOHN C. 2,812,960
MEADOW, JOHN S. 2,920,398
MECHAM, RICK 2,792,205
MEDTRONIC CRYOCATH LP. 2,785,814
MEDTRONIC MINIMED, INC. 2,792,996
MEDTRONIC, INC. 2,576,884
MEIJA, JURIS 2,743,884
MEIJER, LAURENT 2,732,232
MEIKLE, PETER 2,858,059
MEINICKE, THOMAS 2,776,296
MEINZER, RANDOLPH 2,560,996
MEISSNER, DAVID C. 2,904,019
MELIN, CECILIA 2,732,341
MELLANOX TECHNOLOGIES SILICON PHOTONICS INC. 2,805,854
MELNYK, OLEG 2,778,875
MENOGENIX, INC. 2,731,827
MENON, NARAYAN PARAPPIL 2,899,629
MENOVCIK, GREGORY G. 2,765,135
MERCER, DERRY 2,797,437
MERCIER, LAURENT 2,761,596
MERCIER, LAURENT 2,769,164
MERCK SHARP & DOHME CORP. 2,584,859
MERCURE, ROGER 2,925,962
MERI, TIMO 2,941,289
MESTER, ZOLTAN 2,743,884
METACO INC. 2,776,987
METACO INC. 2,777,011
METIUS, GARY E. 2,904,019
METZ, STEVEN 2,815,315
METZGER, FRANZ 2,424,670
MEYER SOUND LABORATORIES, INCORPORATED 2,815,315
MEYER, RUSSELL PAUL 2,771,378
MHIDIA, REDA 2,778,875
MIACOM DIAGNOSTICS GMBH 2,667,631
MIAO, LEI 2,865,533
MIAO, XINGCHONG 2,917,952
MICHAEL, JOHN GERHARD 2,865,269
MICHIDA, MAKOTO 2,897,731
MICRODOSE THERAPEUTX, INC. 2,784,041
MICROLINE SURGICAL, INC. 2,893,880
MICROSOFT TECHNOLOGY LICENSING, LLC 2,779,448
MICROSOFT TECHNOLOGY LICENSING, LLC 2,786,436
MICROSOFT TECHNOLOGY LICENSING, LLC 2,786,439
MICROSOFT TECHNOLOGY LICENSING, LLC 2,793,450
MICROSOFT TECHNOLOGY LICENSING, LLC 2,810,892
MICROSOFT TECHNOLOGY LICENSING, LLC 2,816,019
MIDREX TECHNOLOGIES, INC. 2,904,019
MIHALIK, TERESA A. 2,785,814
MIKROS, EMMANUEL 2,732,232
MILLENNIUM PHARMACEUTICALS, INC. 2,769,531
MILLER, JAMES M. 2,836,724
MILLINGTON, NICHOLAS A. J. 2,861,792
MITSUBISHI HEAVY INDUSTRIES, LTD. 2,856,293
MIYABE, SHIGEO 2,883,731
MIZUTANI, TADAHIRO 2,915,590
MODENA, TRISTAN 2,894,713
MOELLER, KRISTIAN KRAGH 2,792,627
MOLESA, STEVEN 2,725,460
MOLLA, SHAHNAWAZ HOSSAIN 2,809,419
MOMENTUM BIOSCIENCE LTD. 2,897,010
MONTES DE OCA BALDERAS, HORACIO 2,904,823
MOON, KYOUNGSOO 2,878,164
MOORE, BRENDA E. 2,740,434
MOORE, EDWARD L. 2,890,533
MORIMOTO, NAOKI 2,960,459
MORMILE, PATRICK J. 2,765,135
MOROSCHAN, CASEY 2,748,049

MORRIS, RYAN PETER	2,771,095
MORRISON, JAMES DAVID	2,633,762
MORTIMER, STEVE	2,786,631
MORTON, JEFF	2,933,213
MOSKAL, JOSEPH	2,789,331
MOSTOWFI, FARSHID	2,809,419
MOTOROLA SOLUTIONS, INC.	2,899,549
MUELLER, WALTER	2,780,787
MUELLER-BECKMANN, BERND	2,650,109
MUKHERJI, PARTHOSAROTHY K.	2,918,465
MULLAN, JANET	2,560,996
MULLER, HOLGER	2,864,760
MULLER, MARTIN	2,894,124
MULLER, THOMAS	2,881,069
MULTIMODAL TECHNOLOGIES, LLC	2,732,256
MULTRUS, MARKUS	2,830,633
MULTRUS, MARKUS	2,894,625
MUNRO, JOHN J.	2,915,384
MUNRO, WILLIAM ANGUS	2,683,913
MUNRO, WILLIAM ANGUS	2,915,927
MUONA, JOUKO	2,908,430
MURPHY, WAYNE	2,713,974
MURRAY, JAMES W.	2,812,960
MURRAY, JASON W.	2,688,832
MURRAY, MICHAEL G.	2,904,823
MYCARTIS NV	2,745,580
MYERS, GALE D.	2,781,256
MYHRE, MORTEN	2,822,383
NADER, DONZEL	2,745,580
NAHTIGAL, ZIGA	2,773,684
NAITO, TOSHIYUKI	2,907,432
NAKAGAWA, AKIRA	2,899,536
NAKAMURA, TAKESHI	2,908,370
NAKAMURA, YOSHITAKA	2,897,731
NAKATA, SATOSHI	2,915,590
NALCO COMPANY	2,795,693
NANDA, SANJIV	2,881,157
NAPPA, MARIO JOSEPH	2,719,741
NARANJO, FELIPE LUIS	2,779,448
NASS, GEOFFREY D.	2,599,109
NATARAHJAN, HARISH	2,899,549
NATIONAL OILWELL VARCO, L.P.	2,792,205
NATIONAL OILWELL VARCO, L.P.	2,856,188
NATIONAL OILWELL VARCO, L.P.	2,856,838
NATIONAL RESEARCH COUNCIL OF CANADA	2,743,884
NATIONAL RESEARCH COUNCIL OF CANADA	2,958,409
NATIONAL STEEL CAR LIMITED	2,933,228
NEC PLATFORMS, LTD.	2,952,210
NEILSEN-KULJIAN, INC.	2,959,040
NELSON, ANDREW PETER	2,771,378
NELSON, DAN	2,619,781
NESLING, EMILY	2,777,915
NESTEC S.A.	2,771,378
NESTEC S.A.	2,772,163
NESTEC S.A.	2,772,599
NESTEC S.A.	2,776,236
NETBIO, INC.	2,682,734
NETFLIX, INC.	2,829,356
NEUENDORF, MAX	2,830,633
NEUENDORF, MAX	2,943,460
NEUGEBAUER, BERNHARD	2,786,943
NEUMAN, JEREMY WILLIAM	2,951,022
NEUMAYER, HANS-PETER	2,738,845
NEUSCHAEFER, CARL H.	2,715,983
NEW YORK AIR BRAKE LLC	2,960,131
NEWTON, MAURICE SYDNEY	2,633,762
NGO, PHONG TAN	2,933,213
NGUYEN, HUY D.	2,959,040
NGUYEN, PETER N.	2,840,831
NICHOLS, JON M.	2,930,483
NIELSEN, CHRISTEN V.	2,619,781
NIKE INNOVATE C.V.	2,766,898
NIKE INNOVATE C.V.	2,878,031
NINESTAR CORPORATION	2,839,969
NISHINO, KUNIHIKO	2,848,559
NISSHIN STEEL CO.,LTD.	2,973,461
NIYAZ, NOORMOHAMED	2,769,199
NJOKU, UGOCHUKWU	2,704,133
NJOKU, UGOCHUKWU	2,704,138
NOACK, SIMON	2,821,307
NOEL, RAYMOND ASCORD	2,940,075
NOJI, HIROYUKI	2,848,559
NOOK SLEEP SYSTEMS, LLC	2,767,190
NOOREN, IRENE	2,622,660
NORDSTROM, MATTHEW D.	2,766,898
NORMAN, THOMAS H.	2,954,249
NORTHWESTERN UNIVERSITY	2,584,859
NORTHWESTERN UNIVERSITY	2,789,331
NORTON, MARK	2,888,129
NOTTINGHAM, WILLIAM DENNIS	2,714,679
NOVABIOTICS LIMITED	2,797,437
NOVAK, RICHARD A.	2,855,143
NOVARTIS AG	2,747,992
NOVELIS INC.	2,896,726
NOVIMMUNE SA	2,689,680
NOVOMATIC AG	2,841,355
NOZAWA, IZUMI	2,915,590
NTT DOCOMO, INC.	2,870,063
NUCELIS INC.	2,893,168
NUIDING, HANNES	2,738,845
NUOVO PIGNONE S.P.A.	2,781,918
O'HALLORAN, ANTHONY	2,719,470
O'HARA, SHAWN MARK	2,897,010
O'MALLEY, EDWARD	2,891,587
O'MALLEY, EDWARD J.	2,925,122
O'MALLEY, SHANE	2,904,823
O'NEIL, DEBORAH	2,797,437
OBERG, LEVI B.	2,899,687
OCERA THERAPEUTICS, INC.	2,662,897
OERLIKON SURFACE SOLUTIONS AG, PFAFFIKON	2,723,136
OEVREBOE, HANS HENRIK	2,754,988
OGLE, JEFFREY MICHAEL	2,730,878
OH, SEJIN	2,878,164
OHAYON, JACQUES	2,744,431
OHKI, ISAO	2,927,030
OHRBOM, WALTER H.	2,765,135
OHSAWA, RYUJI	2,728,268
OIL LIFT TECHNOLOGY INC.	2,738,500
OKACHI, YASUBUMI	2,776,987
OKACHI, YASUBUMI	2,777,011
OKAMOTO, KENTAROH	2,952,210
OLDONI, TIZIANO	2,738,081
OLLIVIER, NATHALIE	2,778,875
OLSEN, JOHN A.	2,831,712
OMER, ALIYA	2,754,838
OMG UK TECHNOLOGY LIMITED	2,786,553
OMYA INTERNATIONAL AG	2,864,760
OMYA INTERNATIONAL AG	2,871,097
ONCOTHERAPY SCIENCE, INC.	2,728,268
OOYENDYK, PHILIP	2,821,307
OP S.R.L.	2,740,894
OPSTAD, ANNE	2,754,988
ORBAY, JORGE L.	2,954,249
ORLICH, SIMONE	2,775,961
OSAKA UNIVERSITY	2,848,559
OSLER, JONATHAN	2,759,825
OSTROWSKI, ALAN H.	2,824,803
OTSUKA, KOJI	2,721,885
OTTLEBEN, BERND	2,747,884
OTTLEBEN, PETRA	2,747,884
OTTO, LEO H.	2,781,256
OUERDANE, LAURENT	2,743,884
OUTOTEC (FINLAND) OY	2,867,374
OUTOTEC (FINLAND) OY	2,867,629
OVERHEAD DOOR CORPORATION	2,776,107
OVIST, VINCE	2,801,766
OYARZABAL SANTAMARINA, JULEN	2,756,759
OZLUTURK, FATIH M.	2,899,629
PACIFIC COAST BUILDING PRODUCTS, INC.	2,775,376
PAGEARD, JEAN-LUC	2,785,814
PAINTER, BRETT	2,777,490
PALANIGOUNDER, ANAND	2,881,157
PALL CORPORATION	2,892,415
PALREDDY, SUREKHA	2,717,442
PALTRONICS AUSTRALASIA PTY LIMITED	2,689,579
PANNKUK, WARREN DALE	2,771,249
PANOTEC SRL	2,797,617
PANTRON INSTRUMENTS GMBH	2,747,884
PARATORE, DAVID	2,667,095
PARELLADA FERRER, MA DOLORES	2,783,871
PARK, JU HONG	2,884,775
PARKER-HANNIFIN CORPORATION	2,756,766
PARTHASARATHY, SASI	2,829,356
PASQUERO, JEROME	2,799,045
PASQUERO, JEROME	2,819,839
PASSE, DAMIEN	2,727,109
PASTOR FERNANDEZ, JOAQUIN	2,756,759
PASTORE, JOSEPH	2,709,398

PATEL, ANKIT 2,688,832
PATRICK, TIMOTHY 2,766,378
PATTERSON, MATTHEW R. 2,828,969
PECH, REINER 2,923,110
PECK, JOHN PATRICK 2,818,151
PECQUEUR, FREDERIC 2,622,660
PEDERSEN, PER HENRY 2,792,627
PELANDA, PERLUIGI 2,756,766
PELEG, SHMUEL 2,676,632
PENDA CORPORATION 2,909,293
PENG, QINGFEI 2,839,969
PENN, MARC S. 2,709,398
PENNELL, RUTH DIANE 2,633,762
PENOV, FRANCISLAV P. 2,779,448
PEOPLES, JERRY A. 2,760,247
PEPSICO, INC. 2,837,286
PEPSICO, INC. 2,870,279
PERKINELMER HEALTH SCIENCES, INC. 2,726,421
PERKINELMER HEALTH SCIENCES, INC. 2,755,966
PERKINS, ASHLEY 2,812,960
PERTUIT, MICHAEL JOSEPH 2,762,704
PESESSE, XAVIER 2,710,571
PETERS, JEFFREY 2,861,792
PETERSEN, CHRESTEN D. 2,894,649
PETERSON, CLAYTON R. 2,743,895
PETRIE, MICHAEL C. 2,899,549
PETTERSSON, MARIA 2,809,789
PHILIP MORRIS PRODUCTS S.A. 2,738,871
PHILIP, CEBY 2,778,879
PHILIPSON, PATRICK 2,777,034
PHUNG, ANDREW 2,877,798
PIANTONI, DANIELE 2,740,894
PIEPENBURG, OLAF 2,831,140
PILOT DRILLING CONTROL LIMITED 2,771,095
PIVK, ANZE 2,773,684
PLAETINCK, GEERT 2,622,660
PLASTER, THOMAS W. 2,688,832
PLASTIPAK PACKAGING, INC. 2,757,930
PLODZIEN, JEFFREY R. 2,781,256
PLOGSTIES, JAN 2,786,943
PLOGSTIES, JAN 2,943,460
PLOUZEK, JOHN M. 2,802,410
PND ENGINEERS, INC. 2,714,679
PODSIADLO, SLAWOMIR 2,875,257
POHL, BRAD P. 2,930,483
POKROPINSKI, HENRY, JR. 2,766,789
POLL, STEFAN 2,708,984
POLITECHNIKA WARSZAWSKA 2,875,257
POLO ABAD, RAFAEL 2,783,871
PONDER, ANDREW D. 2,851,907
PONSOLLE, DOMINIQUE 2,817,201
POPESCU, BOGDAN CRISTIAN 2,742,429
POPOT, JEAN-LUC 2,668,906
POURSHAHID, ALIREZA 2,716,843
POWELL, IAIN 2,912,034
POXTON, PETER D. 2,930,483
POZZI, ALEXANDER NICHOLAS 2,868,350
PPG INDUSTRIES OHIO, INC. 2,877,139
PRATHER, CARL W. 2,777,051
PRAXAIR TECHNOLOGY, INC. 2,855,143
PRC-DESOTO INTERNATIONAL, INC. 2,916,240
PRECISION DERMATOLOGY, INC. 2,794,503
PRETTYPAUL, DONALD 2,788,691
PRINSCO, INC. 2,900,578
PRITCH, YAEL 2,676,632
PRO3 SAFETY PTY LTD 2,821,307
PROCTER & GAMBLE COMPANY 2,865,269
PROFILEPIPE MACHINERY INC. 2,765,493
PROLACTA BIOSCIENCE, INC. 2,745,099
PROSCHEK, MICHAEL 2,881,069
PRZYBYLKO, JOSHUA 2,829,169
PSIAKI, MARK L. 2,760,701
PURKIS, DANIEL 2,908,994
PURNHAGEN, HEIKO 2,830,633
PURNHAGEN, HEIKO 2,922,256
QUALCOMM INCORPORATED 2,881,157
QUALCOMM INCORPORATED 2,913,620
QUANCI, JOHN FRANCIS 2,896,769
QUEZADA, CAROL 2,764,191
QUIROZ VENEGAS, OSVALDO 2,755,240
QUIROZ VENEGAS, OSVALDO 2,755,489
RABARTS, GRAHAM BRUCE 2,700,202
RADAY, LIOR 2,825,445
RAEMAEKERS, ROMAAN 2,622,660
RAHMAN, SHAMIN AKBAR 2,899,629
RAMANAN, VIJAYALAKSHMI 2,769,531
RAMBALDI, ALESSANDRO 2,738,081
RAMEY, CARRIBETH 2,766,378
RANCIEN, SANDRINE 2,702,288
RAROG-PILECKA, WIOLETTA 2,875,257
RAUCH, UDO 2,723,136
RAV-ACHA, ALEXANDER 2,676,632
RAVELLI, EMMANUEL 2,894,625
RAVELLI, EMMANUEL 2,899,013
RAWCLIFFE, ALAN C. 2,688,832
RAY, CRAIG DWAYNE 2,916,588
RAYTHEON COMPANY 2,719,200
REARICK, BRIAN K. 2,877,139
RECHTMAN, DAVID J. 2,745,099
RECKITT & COLMAN (OVERSEAS) LIMITED 2,804,068
RECKITT & COLMAN (OVERSEAS) LIMITED 2,804,070
REEVE, SCOTT DAVID 2,799,045
REICHERT, REGINA A. 2,705,459
REICHERT, RICHARD ALLEN, JR. 2,786,553
REKDAL, OYSTEIN 2,709,884
RELIANCE CONTROLS CORPORATION 2,771,760
REMY, ALBAN 2,702,288
RENAUD, PHILIPPE 2,745,580
RENEHAN, THOMAS 2,904,823
RENNECKENDORF, VOLKER 2,793,785
RENNER, SVENJA 2,775,961
RETSCH, WILLIAM H., JR. 2,877,139
REYNOLDS, JARED REECE 2,720,603
REZAYEE, AFSHIN 2,842,057
RHODE ISLAND HOSPITAL 2,587,601
RHODES, NIGEL PETER 2,633,762
RICHAEL, CRAIG 2,910,827
RICHAEL, CRAIG 2,910,835
RICHAEL, CRAIG 2,911,014
RICHARDS, AUSTIN A. 2,833,167
RICHARDSON, PATRICK B. 2,833,167
RICHMOND, JOSHUA LEE 2,959,222
RICHTER GEDEON NYRT. 2,779,937
RICHTER, RAY T. 2,739,481
RICHTER, TIMOTHY GERARD 2,901,866
RIEDL, STEVE 2,840,827
RIEDY, DALE 2,704,133
RIEDY, DALE 2,704,138
RIGSBEE, EMILY 2,769,199
RITCHIE, THEODORE 2,616,511
RIVERA, ALEJANDRO 2,933,213
ROBERT BOSCH GMBH 2,790,255
ROBERTI, NATHANAEL B. 2,755,420
ROBERTS, EDWARD, P.L. 2,766,071
ROBERTSON, DOUGLAS 2,706,067
ROBICHAUD, ANDRE 2,743,895
ROBINSON, JEEVAN 2,713,974
ROBINSON, RONNI 2,754,838
ROBINSON, SHANE P. 2,708,984
ROBINSON, TIMOTHY MARK 2,790,411
ROCKWELL AUTOMATION TECHNOLOGIES, INC. 2,887,785
ROCKWOOL INTERNATIONAL A/S 2,719,704
ROCKWOOL INTERNATIONAL A/S 2,854,552
RODDY, JIM H. 2,899,687
RODENBECK, ROBERT W. 2,902,878
RODENNE JUHASZ, MARIA 2,779,937
RODRIGUEZ, ANDRES C. 2,856,838
ROER, JOCHEN 2,856,875
ROGNIN, NICOLAS 2,761,596
ROGNIN, NICOLAS 2,769,164
ROHRBACH, RONALD 2,813,961
ROLLS-ROYCE PLC 2,791,900
ROMAN, HECTOR 2,944,996
ROMERO, DANIEL JAMES 2,911,235
ROMMENS, CAIUS 2,910,827
ROMMENS, CAIUS 2,910,835
ROMMENS, CAIUS 2,911,014
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CHOI, KYOO HWAN 2,979,221
CHOI, UNHO 2,980,114
CHOI, YOUNG JUN 2,982,382
CHOKSI, MAYA PARITOSH 2,982,364
CHON, HYONGI 2,983,232
CHOTHANI, SONIA 2,979,041
CHOUINARD, PATRICK 2,983,037
CHRISTENSEN, KURT AGERBÆK 2,983,207
CHRISTENSEN, TOBIAS S. 2,965,722
CHU, YU-WAYE 2,979,671
CHUA, ALVIN 2,977,900
CHURCH, GEORGE M. 2,982,521
CHVATCHKO, YOLANDE 2,982,699
CIPOLLO, NICHOLAS J. 2,983,051
CLARIANT INTERNATIONAL LTD 2,981,367
CLAYTON, LARRY 2,982,513
CLEGG, MADELEINE 2,982,794
CLEMENTS, JAMES 2,982,542
CLENDENON, SHERRY G. 2,982,436
CLODIC, DENIS 2,982,048
CLOFENT-SANCHEZ, GISELE 2,983,079
CLOHESSY, WILLIAM 2,981,192
COCKERILL MAINTENANCE & INGENIERIE S.A. 2,983,069
COFFIN, MARK 2,983,146
COHEN, EMMA S. 2,982,400
COHEN, MARTIN 2,965,660
COIMBATORE, SARAVANAN 2,979,557

COLBURN, ERIC 2,982,549
COLE, RUSSELL 2,982,907
COLEMAN, ROBERT S. 2,979,277
COLLI, CORRADO 2,965,590
COLOMBO, FEDERICA 2,965,590
COLOPLAST A/S 2,982,012
COLORADO, RAMON, JR. 2,982,465
COMMISSARIAT A L'ENERGIE ATOMIQUE ET AUX ENERGIES ALTERNATIVES 2,980,081
COMMISSARIAT A L'ENERGIE ATOMIQUE ET AUX ENERGIES ALTERNATIVES 2,981,546
COMMISSARIAT A L'ENERGIE ATOMIQUE ET AUX ENERGIES ALTERNATIVES 2,981,562
COMMONWEALTH SCIENTIFIC AND INDUSTRIAL RESEARCH ORGANISATION 2,983,184
COMMONWEALTH SCIENTIFIC AND INDUSTRIAL RESEARCH ORGANIZATION 2,982,617
COMPARET, CEDRIC 2,980,011
COMPARET, CEDRIC 2,980,014
CONCEPTION RO-MAIN INC. 2,982,479
CONMED CORPORATION 2,979,704
CONNOLLY JR., J. DON 2,979,852
CONNOLLY, J. DON, JR. 2,981,119
CONNOR, ALEXANDRIA 2,977,020
CONNORS, MARK 2,980,005
CONQUERAB INC. 2,982,859
CONRAD, GREGORY SCOTT 2,982,584
CONSEJO SUPERIOR DE INVESTIGACIONES CIENTIFICAS (CSIC) 2,982,224
CONSEJO SUPERIOR DE INVESTIGACIONES CIENTIFICAS (CSIC) 2,982,672
CONSOLIDATED ENGINEERING COMPANY, INC. 2,979,612
CONTITECH TRANSPORTBANDSYSTEME GMBH 2,980,678
COOK III, GRANT O. 2,979,669
COOK, GRANT O. III 2,980,122
COOK, RONALD M. 2,982,600
COOMBE, BRENT JAMES-WILLIAM 2,982,786
COPELAND, DARYL G. 2,979,238
COPIK, ALICJA J. 2,965,952
COQUERON, PIERRE-YVES 2,981,379
COQUERON, PIERRE-YVES 2,981,387
CORAMAZE TECHNOLOGIES GMBH 2,981,551
CORDERO, RAFAEL 2,983,295
CORDOBA, SHAUN 2,978,852
CORMA CANOS, AVELINO 2,982,224
CORMA CANOS, AVELINO 2,982,672
CORNELL UNIVERSITY 2,983,147
COSTA, PEDRO 2,982,238
COSUCRA GROUPE WARCOING S.A. 2,982,705
COUCH, CHARLES THOMAS 2,982,468
COURTEMANCHE, MARC-ANDRE 2,982,621
COUTO, FERNANDO JOSE REBELO DO 2,982,536
COWLES, CHRISTOPHER JOHN 2,981,101
COWLING, BELINDA 2,983,211
CRAFTON, SCOTT P. 2,979,612
CRAWFORD, BRETT E. 2,982,769
CRESPO MONTERO, FRANCISCO JAVIER 2,982,880
CRISMAN, ALEX V. 2,982,977
CRISP SENSATION HOLDING S.A. 2,982,816
CRODA INTERNATIONAL PLC 2,980,502
CRONIN, CHRISTOPHER 2,982,489
CROWE, JAMES E., JR. 2,982,491
CROWE, SCOTT 2,981,096
CROWE, SCOTT 2,981,098
CROWE, SCOTT 2,981,103
CROWN PACKAGING TECHNOLOGY, INC. 2,982,528
CRYO PUR 2,982,048
CUBITT, MARION 2,981,096
CUI, DONGBING 2,982,777
CUI, STEVE 2,982,821
CUNHA DE ALMEIDA, RITA MARIA 2,982,436
CURTIS, JOHNNY 2,983,294
CUSTERS, JEROME H. H. V. 2,981,841
CUYLITS HOLDING GMBH 2,982,626
CYTEC INDUSTRIES INC. 2,965,660
CYTEC INDUSTRIES INC. 2,979,208
CZAINSKI, ROBERT 2,981,931
D'AGOSTINO, ROBERTO 2,981,568
D'URSO, ALESSIO 2,981,384
D-HEART S.R.L. 2,982,903
DABROWIAK, JEREMY THOMAS 2,980,943
DAGHER, FADI 2,975,631
DAHLHOFF, CHRISTOPH 2,982,682
DAHMEN, PETER 2,981,379
DAHMEN, PETER 2,981,387
DAI, PEIHONG 2,982,896
DAI, SHUNHONG 2,983,254
DAIL, HOLLY 2,982,806
DAL PONTE, DEAN 2,983,039
DALAL, SOHEL 2,981,409
DALY, AARON 2,982,478
DALY, ADRIAN FRANCIS 2,965,696
DAMAGER, IBEN 2,981,409
DAMBKOWSKI, CARL LINDEN 2,983,252
DANA CANADA CORPORATION 2,982,475
DANA-FARBER CANCER INSTITUTE, INC. 2,983,022
DANA-FARBER CANCER INSTITUTE, INC. 2,983,024
DANDEKAR, AJIT B. 2,965,532
DANIELS, ANDREW R. 2,981,604
DANIELS, STEPHEN JOSEPH 2,982,942
DANKBERG, MARK 2,982,489
DAP PRODUCTS INC. 2,979,749
DAR, MOHAMMED M. 2,983,067
DARAGON, PASCAL 2,979,477
DAS COMPANIES, INC. 2,977,518
DASSEY, ADAM J. 2,980,933
DATSKOV, IVAN 2,982,498
DAUL, THOMAS J. 2,981,337
DAVIES, EVAN 2,982,989
DAVIS, GREGORY A. 2,982,950
DAY, DELBERT E. 2,965,308
DAYAN, COLIN MARK 2,981,125
DE MAEYER, ERIK 2,982,258
DE MAN, ADRIANUS PETRUS ANTONIUS 2,981,844
DE MEYER, SIMON 2,979,940
DE ROMEUF, CHRISTOPHE 2,981,093
DE ROOS, JEROEN 2,981,844
DE VRIES, HUGO 2,982,505
DE WOLF, ELWIN ALOYSIUS CORNELIUS ADRIANUS 2,982,864
DE WOLF, ELWIN ALOYSIUS CORNELIUS ADRIANUS 2,983,148
DE WOLF, ELWIN ALOYSIUS CORNELIUS ADRIANUS 2,983,150
DE WOLF, ELWIN ALOYSIUS CORNELIUS ADRIANUS 2,983,152
DE WOLF, ELWIN ALOYSIUS CORNELIUS ADRIANUS 2,983,155
DEAN, TREVOR 2,979,312
DEAR, JOHN 2,979,312
DECANNIERE, KLAAS 2,982,706
DECEUNINCK NV 2,982,258
DECKER, WILLIAM K. 2,982,606
DECKER, WILLIAM K. 2,982,614
DECRISTOFARO, NICHOLAS 2,980,011
DECRISTOFARO, NICHOLAS 2,980,014
DEFRANCE, ROBERT V. 2,982,817
DEGOOYER, WILLIAM JAY 2,982,874
DEGOOYER, WILLIAM JAY 2,982,882
DEGRANDE, PETER 2,982,258
DEJESUS, MARIA CRISTINA BARBOSA 2,982,756
DEL PAGGIO, ALAN ANTHONY 2,982,885
DELLACA', RAFFAELE 2,982,685
DELOISON, FLORENT 2,981,222
DELTAK MANUFACTURING, INC. 2,983,294
DEMCHUK, ALEXANDER 2,982,429
DEMPAH, KASSIBLA E. 2,965,379
DENG, LIANG 2,982,896
DENK, ANDRE 2,982,220
DENNER, LARRY 2,982,959
DENNINGER, MARC 2,983,037
DENORME, FREDERIK 2,979,940
DENTSPLY DETREY GMBH 2,982,392
DEO, KESHAV 2,983,250
DEO, KESHAV 2,983,256
DEQUEN, GILLES 2,981,202
DERELOV, PETER 2,983,111

DERMODY, TERENCE 2,982,491
DESBROW, BEN 2,983,168
DESCAMPS, MARY 2,982,705
DESLANDES, PIERRE 2,981,222
DEVILLIERS, CLEMENCE 2,981,599
DEVRONE 2,982,673
DEWITT, ROBERT R. 2,983,157
DH TECHNOLOGIES DEVELOPMENT PTE. LTD. 2,977,020
DHILLON, MANJINDER SINGH 2,982,445
DI BIASE, STEFANO 2,982,875
DI NAPOLI, ALESSANDRO 2,965,447
DIACO, RALPH 2,983,105
DIAMOND INNOVATIONS, INC. 2,979,866
DIAMOND, DAVID 2,982,650
DIAZ, LUIS 2,980,078
DICHTEL, WILLIAM R. 2,983,147
DIENES, CHRISTIAN 2,983,077
DIEPENBROCK, VERA 2,982,027
DIETZ, JEFFRY G. 2,980,110
DIETZ, JEFFRY G. 2,980,515
DIETZEL, DANIEL 2,981,576
DIFIORE, ATTILIO 2,982,832
DILLE, MARK C. 2,982,828
DILLON, NICHOLAS 2,975,631
DING, GANG 2,979,890
DIPETRILLO, CHRISTEN G. 2,982,848
DOESSINGER, GEORG 2,981,577
DOLPHIJN, PAULUS JOZEF 2,982,864
DOMANSKY, KAREL 2,982,749
DOMPE' FARMACEUTICI S.P.A. 2,981,569
DOMPE' FARMACEUTICI S.P.A. 2,981,698
DONELAN, JEFFREY W. 2,979,225
DONNIER-MARECHAL, THOMAS 2,980,081
DORIGNAC, ETIENNE 2,978,669
DORRIS, GILLES 2,983,185
DORSCH, DIETER 2,982,664
DOTS TECHNOLOGY CORP. 2,983,307
DOUGLAS, GRANT BRIAN 2,982,617
DOUGLAS, LAWRENCE 2,983,261
DOW AGROSCIENCES LLC 2,978,766
DOW AGROSCIENCES LLC 2,978,767
DOW AGROSCIENCES LLC 2,982,927
DOW GLOBAL TECHNOLOGIES LLC 2,979,666
DOW GLOBAL TECHNOLOGIES LLC 2,981,721
DOWNES, MICHAEL 2,983,153
DOWNEY, LUKE CHRISTOPHER 2,982,274
DOWNHOLE TECHNOLOGY, LLC 2,982,989
DRAKE, CHARLES G. 2,982,543
DROMER, FRANCOISE 2,982,508
DSCG SOLUTIONS, INC. 2,982,567
DU, HUI 2,982,851
DUA, RAJIV 2,982,870
DUAN, JIAN-XIN 2,979,251
DUBAELE, JEAN-MARC 2,982,935
DUBEY, ASHISH 2,979,225
DUBOIS, MICHEL 2,983,069
DUBOIS, VERONIQUE 2,981,562
DUBOIS, ZERLINA GUZDAR 2,979,045
DUCHOSLAV, EVA 2,977,020
DUCKWORTH, JASON E. 2,982,750
DUDLEY, MICHAEL N. 2,982,911
DUERI, JEAN-PIERRE 2,982,823
DUFOUR, FLORENT 2,982,657
DUFRESNE, ROBERT 2,982,863
DUKE UNIVERSITY 2,983,259
DUONG, VANESSA 2,982,657
DUQUESNE UNIVERSITY OF THE HOLY SPIRIT 2,982,982
DURING, KENNETH 2,981,871
DURKOP, HENDRIK 2,982,975
DUTZAR, BENJAMIN H. 2,982,856
DUTZAR, BENJAMIN H. 2,982,861
DWYER, DANIEL PATRICK 2,982,676
E INK CALIFORNIA, LLC 2,982,851
EARP, DANNY 2,980,743
EARTH TECHNOLOGIES USA LIMITED 2,983,315
EATON CORPORATION 2,980,153
EATON LIMITED 2,982,525
EATON, BRADLEY W. 2,980,283
ECCLESTON, MARK EDWARD 2,965,752
ECHOSTAR TECHNOLOGIES L.L.C. 2,977,516
ECOLAB USA INC. 2,982,465
ECOLAB USA INC. 2,982,584
ECOLAB USA INC. 2,982,587
ECOLAB USA INC. 2,983,264
ECOLE POLYTECHNIQUE FEDERALE DE LAUSANNE (EPFL) 2,979,781
ECOLE POLYTECHNIQUE FEDERALE DE LAUSANNE (EPFL) 2,982,413
EDEN GREEN HYDROPONICS INTERNATIONAL (PTY) LTD 2,982,234
EDGAR, KYLE 2,981,159
EDLINGER, ALFRED 2,979,558
EDMONDS, DUANE 2,982,778
EDWARDS LIFESCIENCES CORPORATION 2,978,428
EDWARDS, JASON B. 2,983,301
EGLI, LORENZ 2,979,014
EGNER, JOHN 2,982,525
EGOLF, BRYAN J. 2,983,181
EGOLF, BRYAN J. 2,983,183
EHLERS, JAN GERHARDUS 2,982,234
EISENBARTH, ADAM CHRISTIAN 2,981,491
EISMAYER, HEINRICH 2,982,208
EITAN, ALECSANDER 2,979,911
EITAN, ALECSANDER 2,979,996
EKSO BIONICS, INC. 2,982,778
EL FAKIR, OMER 2,979,312
EL-GHAZAL, AKREM 2,982,418
ELAGHA, AHMED 2,983,086
ELDEN, CHARLES 2,982,497
ELECTRONICS AND TELECOMMUNICATIONS RESEARCH INSTITUTE 2,977,622
ELIYAHU, NISIM 2,981,734
ELLIOTT, RICHARD 2,982,708
ELLIS, STEVEN 2,982,947
ELLIS, STEVEN 2,982,948
ELLIS, STEVEN 2,983,026
ELLSAESSER, CHRISTIAN 2,982,698
ELMORE, MARK V. 2,982,750
ELSALYS BIOTECH 2,982,657
ELSNER, OLIVER 2,982,392
EMADI, ALI 2,983,189
EMADI, ALI 2,983,193
ENDO, HIROSHI 2,982,568
ENDRES, DONALD 2,979,393
ENGIP LLC 2,982,955
ENGLAND, ELIZABETH H. 2,982,400
ENI S.P.A. 2,981,937
ENRIGHT, BRIAN P. 2,965,379
ENTEGRIS, INC. 2,982,331
ENVIRONMENTAL MANAGEMENT CONFEDERATION, INC. 2,982,544
ENVIRONMENTAL OPERATING SOLUTIONS, INC. 2,978,882
ENVISION ENERGY (DENMARK) APS 2,983,208
ENZINGER, SINDHUJA-CHEEMA 2,982,613
EPIZYME, INC. 2,983,265
ERIKSSON, RONNY 2,982,506
ERKELENZ, WILLI 2,983,054
ERKES, BERND 2,981,104
ERMATOV, ARTHUR 2,982,675
EROZ, MUSTAFA 2,982,753
ERTAC, CAPUR 2,982,156
ERTAC, CAPUR 2,982,158
ERWIG, LARS-PETER 2,978,826
ESCALANTE, KARLA 2,982,763
ESSENTIAL PRODUCTS, INC. 2,976,557
ESTALL, MARK 2,982,860
ETAYO GARRALDA, VICENTE 2,981,375
ETO, KOJI 2,982,568
ETTER, JEFFREY 2,983,120
EUEN, CRAIG T. 2,978,909
EVANS V, DAVID JOHN 2,976,557
EVANS, RONALD M. 2,983,153
EXONETIK INC. 2,983,037
EXXONMOBIL RESEARCH AND ENGINEERING COMPANY 2,965,532
EZ PACK WATER LTD 2,982,934
F. HOFFMAN-LA ROCHE AG 2,982,870
F. HOFFMANN-LA ROCHE AG 2,981,159
F. HOFFMANN-LA ROCHE AG 2,982,704
F. HOFFMANN-LA ROCHE AG 2,982,708
F. HOFFMANN-LA ROCHE AG 2,982,825
F. HOFFMANN-LA ROCHE AG 2,982,884
F. HOFFMANN-LA ROCHE AG 2,983,217
F.HOFFMANN-LA ROCHE AG 2,982,217
FABISCHEK, MARK ANTHONY 2,983,078

FACC AG 2,982,613
FACC AG 2,982,616
FACE INTERNATIONAL CORPORATION 2,982,761
FACE INTERNATIONAL CORPORATION 2,982,762
FACE, BRADBURY R. 2,982,761
FACE, BRADBURY R. 2,982,762
FACEBOOK, INC. 2,979,833
FAGERLIE, JOHN OLAV 2,983,006
FALCK, KAI 2,980,799
FALLANI, FRANCESCA 2,982,874
FALLER, CHRISTOF 2,980,970
FAN, CHUNFANG 2,979,536
FAN, PEI 2,982,856
FAN, PEI 2,982,861
FAN, XING 2,983,040
FANGROW, THOMAS F. 2,982,456
FARINATO, RAYMOND SALVATORE 2,979,208
FARLEY, MARK 2,979,414
FARMER, ROBERT 2,982,942
FARRAKHA, AHMED M. 2,982,463
FARUKI, HAWAZIN 2,982,775
FASSO, MARCELLA 2,982,543
FAUCHER, ALEXANDRE 2,979,747
FAUCHER, ALEXANDRE 2,979,788
FAUCZ, FABIO RUEDA 2,965,696
FAUL, JAMES DAVE, II 2,982,273
FAULKNER, MARK C. 2,983,151
FAUTEUX, PAUL 2,979,612
FAVRE-ZIMMERLI, SIMONE 2,982,699
FCA FIAT CHRYSLER AUTOMOVEIS BRASIL LTDA. 2,979,416
FEI, XUN 2,982,464
FELDMAN, MICHAEL E. 2,983,056
FENDEL, ROLF 2,980,974
FENG, WEN 2,982,464
FENOGLIO, DANIELA 2,979,973
FERNANDEZ LOPEZ, LUCIA 2,981,104
FERNANDEZ-TEJADA, ALBERTO 2,979,976
FERNANDO, FELIX 2,982,527
FERRARI, CORRADO 2,981,384
FERRER RAMIS, CARLES 2,983,233
FERRERA, FRANCESCA 2,979,973
FERSTL, JOHANN 2,982,967
FIEDLER, MARK 2,982,778
FIELD JOINT COATINGS PTY LTD 2,982,500
FIGIEL, KERRY D. 2,980,784
FILACI, GILBERTO 2,979,973
FILIPPO, CITTERIO 2,983,061
FILIPPONE, CLAUDIO 2,982,818
FILLATRE, EMILE 2,982,686
FILSEGGER, HERMANN 2,982,616
FINE, IAN 2,982,849
FINGLAND, BRADLEY R. 2,965,532
FINKE, HANS 2,983,085
FIO CORPORATION 2,982,849
FIRLBECK, MICHAEL 2,982,967
FISCHER, NICOLAS 2,981,204
FISCHER, RAINER 2,980,974
FISCHERWERKE GMBH & CO. KG 2,982,478
FISHILEVICH, ELANE 2,978,766
FISHILEVICH, ELANE 2,978,767
FLECK, CHRISTIAN 2,983,077
FLETCHER, JAMES 2,982,375
FLOLO, DAG HENDRIK 2,982,627
FLOORING TECHNOLOGIES LTD. 2,982,220
FLOR, INGA 2,982,416
FLORES, JUAN C. 2,982,561
FLORIDA STATE UNIVERSITY RESEARCH FOUNDATION, INCORPORATED 2,983,153
FLYNN, JULIE 2,981,599
FLYNN, KYLE P. 2,981,498
FOGLIENI, FABIANO 2,982,899
FONTAINE, FREDERIC-GEORGES 2,982,621
FONTAYNE, ALEXANDRE 2,981,093
FOREST DEVICES, INC. 2,982,822
FORMATION BIOLOGICS INC. 2,965,362
FORTIN, MARIE-CHRISTINE 2,982,467
FORUM US, INC. 2,982,828
FOSTER, ALISTAIR 2,979,312
FOTECH SOLUTIONS LIMITED 2,982,715
FOTKULTUR MALMO AB 2,983,231
FOUGERE, RAYMOND 2,981,250
FOUNTAIN TECHNOLOGIES INTERNATIONAL, LLC 2,982,547
FOUNTAIN, MICHAEL 2,982,547
FOUQUET, ROMAIN 2,982,495
FOURIE, ANNE M. 2,965,512
FOURIE, ANNE M. 2,965,515
FOURIE, ANNE M. 2,965,518
FOURNIER, NATHALIE 2,981,093
FPINNOVATIONS 2,983,185
FRANCIS, ARTHUR W., JR. 2,982,590
FRANCOIS, THIBAUT 2,981,599
FRANKE TECHNOLOGY AND TRADEMARK LTD 2,982,268
FRANKE, SVEN ALEXANDER 2,982,713
FRAUNHOFER-GESELLSCHAFT ZUE FOERDERUNG DER ANGEWANDTEN FORSCHUNG E.V. 2,978,766
FRAUNHOFER-GESELLSCHAFT ZUR FOERDERUNG DER ANGEWANDTEN FORSCHUNG E.V. 2,978,767
FRAUNHOFER-GESELLSCHAFT ZUR FORDERUNG DER ANGEWANDTEN FORSCHUNG E.V. 2,980,970
FRAUNHOFER-GESELLSCHAFT ZUR FORDERUNG DER ANGEWANDTEN FORSCHUNG E.V. 2,980,974
FRAUNHOFER-GESELLSCHAFT ZUR FORDERUNG DER ANGEWANTEN FORSCHUNG E.V. 2,980,796
FREDERICK, JOHN R. 2,982,209
FREDERICK, JOHN R. 2,982,218
FREY, MEGHAN 2,978,766
FREY, MEGHAN 2,978,767
FRID MIND TECHNOLOGIES 2,980,828
FRID, NOUREDDINE 2,980,828
FRIEDERICHS, HEIKO 2,982,483
FRIEDLI, PAUL 2,983,081
FRIEDMAN, LORI 2,981,159
FRIPP, MICHAEL LINLEY 2,980,288
FRIPP, MICHAEL LINLEY 2,982,647
FRISEN, JONAS 2,982,146
FRISK, ANN-LENA 2,982,682
FRITSCHE, JENS 2,980,805
FRITSCHE, JENS 2,980,814
FRITSCHE, JENS 2,983,064
FRITZ, JONATHAN ANDREW 2,983,252
FROMAGERIES BEL 2,983,066
FROSELL, THOMAS JULES 2,982,647
FROST, GEORGE W. 2,982,897
FRUSTUM INC. 2,982,074
FRYER, ANDREW 2,982,337
FU, HUIJING 2,965,157
FU, YAYUAN 2,982,777
FUCHSS, THOMAS 2,981,365
FUJIKURA LTD. 2,982,725
FUJIMOTO, HIROYA 2,983,172
FUJITA, TAKAYUKI 2,983,232
FUJITSU LIMITED 2,982,800
FUJITSU LIMITED 2,982,804
FUKUDA, HIROSHI 2,982,554
FUKUDA, HIROYUKI 2,982,744
FUNAR, AUREL 2,982,986
FUNG, EDITH W. 2,982,623
FURCICH, STEVEN J. 2,979,393
FURUYA, NOBUHIRO 2,981,970
FUTURE SMART S.R.L. 2,982,700
GABBERT, KAREN 2,983,254
GABBIANELLI, FRANK 2,983,257
GAFNI, ERIK 2,982,570
GAGNE-KEATS, JASON SEAN 2,976,557
GAICKI, RICHARD 2,982,837
GALAPAGOS NV 2,982,629
GALAPAGOS NV 2,982,630
GALDERMA SA 2,981,624
GALIC RAGUZ, MARY 2,980,515
GALICIA, ETHELBERT 2,981,357
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JANSSEN PHARMACEUTICA NV 2,965,512
JANSSEN PHARMACEUTICA NV 2,965,515
JANSSEN PHARMACEUTICA NV 2,965,518
JANSSEN PHARMACEUTICALS, INC. 2,981,845
JANSSEN SCIENCES IRELAND UC 2,981,404
JANSSEN VACCINES & PREVENTION B.V. 2,981,841
JANTZEN, LEON KEITH 2,982,786
JAQUIN, THOMAS JEAN 2,980,840
JARNIKOV, DMITRI 2,980,953
JENKINS, THOMAS R. 2,982,444
JENKINS, THOMAS R. 2,982,518
JENNISON, DANE 2,982,557
JENSEN, ALLAN 2,978,826
JENSEN, RASMUS STIG 2,983,197
JERABEK, MICHAEL 2,982,910
JERABEK, MICHAEL 2,983,242
JESTIN, YOANN 2,983,035
JFE STEEL CORPORATION 2,982,476
JFE STEEL CORPORATION 2,982,829
JIA, HONGLING 2,982,486
JIA, MEIYI 2,982,800
JIANG, GUIYANG 2,982,777
JIANG, HAIYI 2,983,067
JIANG, XINRUI 2,976,557
JIANG, YU 2,982,217
JIANGSU HENGRUI MEDICINE CO., LTD. 2,982,777
JIAO, HAILONG 2,979,251
JILLETTE, NATHANIEL 2,979,567
JIZODO, MAKOTO 2,982,554
JOHNSON & JOHNSON CONSUMER INC. 2,965,685
JOHNSON MATTHEY DAVY TECHNOLOGIES LIMITED 2,980,662
JOHNSON, ALEXANNE 2,979,866
JOHNSON, MICHAEL W. 2,982,331
JOHNSTON, RAYMOND P. 2,980,283
JONCKERS, TIM HUGO MARIA 2,981,845
JONCZYK, ALFRED 2,982,664
JONES, EMRYS 2,977,900
JONES, EMRYS 2,978,165
JONES, JARED 2,982,778
JONES, MICHAEL F. 2,982,434
JONES, MICHAEL F. 2,982,440
JONES, MICHAEL F. 2,982,441
JONES, PAUL DOUGLAS 2,983,007
JONES, SIAN 2,980,078
JONIETZ, BRADLEY 2,982,203
JORDAN, JEREMY CHRISTOPHER 2,982,449
JOSE, RODRIGO R. 2,979,507
JOSEFSSON, SANDRA 2,982,406
JOSEPHIRUDAYARAJ, MANGALA NAVEEN KUMAR 2,983,248
JOSHI, AMOL 2,983,306
JOSHI, SIDDHARTHA 2,983,252
JOURNELL, PETER 2,981,491
JOY MM DELAWARE, INC. 2,982,209
JOY MM DELAWARE, INC. 2,982,218
JSC "INTERNATIONAL TOBACCO MARKETING SERVICES" 2,982,429
JUANGSU TASLY DIYI PHARMACEUTICAL CO., LTD. 2,982,625
JULIANO, PABLO 2,983,184
JULIO, GUIFRE 2,983,037
JUNGHANS, RICHARD 2,982,603
JUNQUERO, DIDIER 2,981,933
JURS, MICHAEL 2,983,085
JUSTIN, RONALD LANCE 2,982,497
JVL ENGINEERING PTE LTD 2,982,954
KABUSHIKI KAISHA SANGI 2,983,223
KAKINUMA, KAZUHIKO 2,982,991
KALAY, SEMIH 2,982,809
KALAY, SEMIH 2,982,812
KALDOR, STEPHEN W. 2,982,588
KALEIDO BIOSCIENCES, INC. 2,983,016
KALEIDO BIOSCIENCES, INC. 2,983,236
KALIN, DANIEL 2,982,807
KALIN, DANIEL 2,982,808
KALKAVAN, HALIME 2,982,873
KALWA, NORBERT 2,982,220
KAMALAKARAN, SITHARTHAN 2,979,041
KAMEI, SHIN 2,982,554
KAMI, CHIKARA 2,982,476
KANG, BYONG HA 2,980,005
KANG, YUJIAN JAMES 2,982,840
KANSAGARA, ATUL 2,983,250
KANSARA, APURVAKUMAR 2,979,177
KANZAKI, NORIYUKI 2,982,645
KAPLAN, DAVID L. 2,979,507
KARAKUNNEL, JOYSON J. 2,983,067
KARALL, GERHARD 2,983,195
KARANCSI, TAMAS 2,977,900
KARANCSI, TAMAS 2,978,165
KARASEK, CHARLIE 2,982,856
KARASEK, CHARLIE 2,982,861
KARL BROTZMANN CONSULTING GMBH 2,982,255
KARL LEIBINGER MEDIZINTECHNIK GMBH & CO. KG 2,982,913
KARRO, JARED 2,982,497
KARUNANANDAA, BALASULOJINI 2,983,254
KARUS THERAPEUTICS LTD 2,966,072
KASAI, JUNICHI 2,983,172
KASUGA, AYAKO 2,983,223
KATE SOMERVILLE SKINCARE, LLC 2,982,908
KATHOLIEKE UNIVERSITEIT LEUVEN 2,979,940
KATHOLIEKE UNIVERSITEIT LEUVEN 2,981,845
KATSAVOUNIDIS, IOANNIS 2,979,680
KATSIRIS, GEORGE T. 2,983,051
KATTA, SANTOSH 2,983,248
KATZ, NEVIN 2,982,794
KATZ, STEVEN C. 2,982,603
KAWAI, SATOSHI 2,983,172
KCI LICENSING, INC. 2,982,203
KEATING, COLM 2,979,824
KECA, JOSEPH 2,982,853
KEECH, STEVEN 2,982,757
KEEGAN, PHILIP MICHAEL 2,983,295
KEIL, PHILIPP 2,982,967
KEILHACK, HEIKE 2,983,265
KELLERMEIER, MATTHIAS 2,981,401
KELLY, KEVIN 2,982,763
KELLY, KEVIN P. 2,982,773
KEMP, BENJAMIN P. 2,982,400
KENENS, HANNAH 2,981,940
KENNEL, PHILIPPE 2,981,379
KENNEL, PHILIPPE 2,981,387
KENNEY, BENJAMIN 2,982,475
KENT, ROBERT 2,981,938
KESINGER, MATTHEW 2,982,822
KESSELL, STEVEN M. 2,983,219
KESTELEYN, BART RUDOLF ROMANIE 2,981,845
KESTEN, RANDY J. 2,982,444
KESTEN, RANDY J. 2,982,518
KETER PLASTIC LTD. 2,981,734
KETTUNEN, MIKA P. 2,981,556
KEYT, BRUCE 2,983,034
KHAN, MOHAMMAD 2,982,326
KHIAT, ABDELAZIZ 2,982,546
KHOURY, FRED 2,982,908
KHRAMOV, DENIS SERGEEVICH 2,983,108
KIELY, PAT 2,983,059
KIIVER, EGLE 2,981,576
KIKUCHI, KIYOFUMI 2,982,554
KILMER, DEREK S. 2,982,788
KIM, HEUNG-MOOK 2,977,622
KIM, SOON-KI 2,980,474
KIMBERLY-CLARK WORLDWIDE, INC. 2,982,552
KING, DAVID J. 2,982,555
KING, GRETCHEN 2,982,584
KINOSHITA, MASAHIRO 2,983,171
KINSEY, MICHAEL WAYNE 2,979,045
KINZEL, OLAF 2,965,512
KINZEL, OLAF 2,965,515
KINZEL, OLAF 2,965,518
KIOSGO LLC 2,982,605

KIPPS, THOMAS J. 2,983,293
KIRKBY, MAXWELL J. 2,983,067
KIRKPATRICK, D. LYNN 2,983,260
KIRPICHNIKOV, ALEXEI PETROVICH 2,982,737
KISHI, YASUHISA 2,983,172
KITAGAWA, JUNICHI 2,982,829
KITSON, RYAN E. 2,983,051
KITZBERGER, PETER 2,982,208
KLAFFENBACH, PETER 2,981,397
KLASSEN, JAMES BRENT 2,982,852
KLEE, JOACHIM 2,982,392
KLEIN, ALLON MOSHE 2,983,122
KLEIN, ERIC L. 2,980,876
KLEIN, RALF 2,980,540
KLESING, JAN 2,982,398
KLEYMANN, GERALD 2,965,512
KLEYMANN, GERALD 2,965,515
KLEYMANN, GERALD 2,965,518
KLINER, MEIR 2,982,970
KLINGER, MATTHIAS 2,980,827
KLIX, RUSSELL C. 2,965,379
KLOCKENBRING, TORSTEN 2,980,974
KNORR, EILEEN 2,978,766
KNORR, EILEEN 2,978,767
KNUPFER, MARTINA ELISABETH 2,983,210
KOBAYASHI, HISASHI 2,982,355
KOBAYASHI, HISASHI 2,982,590
KOCHERRY, PAULOSE THOMSON JOLLY 2,978,949
KOCHERY, PAUL THOMSON 2,978,949
KOEPPEL, ADAM 2,982,763
KOEPPEL, ADAM R. 2,982,772
KOEPPEL, ADAM R. 2,982,773
KOEPPEL, ADAM R. 2,982,779
KOGA, MASATO 2,982,729
KOGA, MASATO 2,982,744
KOLAND, AMY 2,982,331
KOMON, ZACHARY 2,982,788
KONCZOL, GEORG 2,982,208
KONCZOL, GEORG 2,982,469
KONDURI, VANAJA 2,982,606
KONINKLIJKE PHILIPS N.V. 2,979,041
KONNO, YUSUKE 2,981,970
KONRAD, WILFRIED JOHANN 2,982,613
KONRADI, RUPERT 2,981,401
KONTU, MAURI 2,982,655
KOOS, GEORGE 2,982,553
KORBER, BETTE T. 2,983,259
KOSAKA, MIWAKO 2,982,473
KOSEKI, SHUHO 2,982,991
KOSEMURA, TOORU 2,982,986
KOUL, ANIL 2,981,404
KOVALCHUK, ROMAN SERGEEVICH 2,982,737
KOYANAGI, KIMIYUKI 2,983,171
KOZIKOWSKI, RAYMOND T., III 2,980,876
KP2M LIMITED 2,979,141
KRABBE, SCOTT W. 2,965,379
KRAJECKI, MICHAEL 2,981,202
KRAMER, ULRICH 2,982,150
KRAMER, ULRICH 2,982,483
KRAUSS, RAN 2,982,970
KREITER, SEBASTIAN 2,982,971
KRESSMANN, FRANK 2,981,576
KREUZBERG, MARIA 2,982,401
KRIER, MIREILLE 2,982,664
KRISTO, DARKO 2,982,208
KRISTO, DARKO 2,982,469
KROON, JOHANNES A. 2,980,140
KRUGER, URSUS 2,982,691
KRUPA, MICHAEL J. 2,979,277
KUBO, MASAHIRO 2,983,088
KUES, MICHAEL 2,983,035
KUHN, JELAN 2,981,401
KUHN-HUARD S.A. 2,982,150
KUMAR, SANDEEP 2,982,927
KUMAR, YATENDRA 2,983,256
KUMMER, DAVID 2,965,518
KUNZ, THOMAS 2,983,168
KUO, DWIGHT 2,982,870
KUPFER, PETER 2,982,682
KURIHARA, AKIRA 2,983,232
KUROIWA, TOMOHIRO 2,981,970
KUSE, KOLJA 2,983,053
KVITEK, DANIEL J. 2,982,570
KWANG, STANFORD 2,982,884
KWON, SUN-HYOUNG 2,977,622
KWONG, PETER 2,980,005
KYM, PHILIP R. 2,965,379
KYOTO UNIVERSITY 2,982,568
L'AIR LIQUIDE, SOCIETE ANONYME POUR L'ETUDE ET L'EXPLOITATION DES PROCEDES GEORGES CLAUDE 2,980,214
L'AIR LIQUIDE, SOCIETE ANONYME POUR L'ETUDE ET L'EXPLOITATION DES PROCEDES GEORGES CLAUDE 2,981,599
LABORATOIRE DE LA MER 2,981,373
LABORATOIRE FRANCAIS DU FRACTIONNEMENT ET DES BIOTECHNOLOGIES 2,981,093
LABORATOIRE MEDIDOM SA 2,965,447
LABRECQUE, GERMAIN 2,982,479
LABRECQUE, JACQUELIN 2,982,479
LAFARGE 2,980,011
LAFARGE 2,980,014
LAFARGE, STEPHANE 2,981,111
LAGNEAUX, ROBERT 2,979,478
LAI-GOLDMAN, MYLA 2,982,775
LAIDMAE, IVO 2,980,799
LAIL, BRIAN EDWARD 2,982,942
LALONDE, BENOIT 2,982,379
LAMARCHE, MARTIN G. 2,982,382
LAMOTHE, MARIE 2,981,933
LANCE, JUSTIN A. 2,983,120
LANCOIS, DAVID FRANCIS ALAIN 2,981,404
LANE, JOHN 2,982,814
LANG, KARL SEBASTIAN 2,982,873
LANGE, JEAN PAUL ANDRE MARIE JOSEPH GHISLAIN 2,981,199
LANGELLA, PHILIPPE 2,982,699
LANGER, ROBERT S. 2,982,175
LAO, JEREMY PHORLA 2,982,888
LAO, YANBIN 2,965,379
LAPEUS, DAVID J. 2,982,581
LAPORTE, JOCELYN 2,983,211
LARDEAU, DELPHINE YVONNE RAYMONDE 2,981,404
LARET, DANIEL 2,982,895
LAROCHE-TRAINEAU, JEANNY 2,983,079
LAROSE, PASCAL 2,983,037
LARUSSI, AMEDEO 2,982,599
LASCH, JAMES E. 2,965,157
LATHAM, JOHN 2,982,856
LATHAM, JOHN 2,982,861
LAUER, PETER M. 2,982,543
LAURENT, PATRICE 2,982,496
LE BRONEC, LOIC 2,981,624
LE GALL, FABRICE 2,982,401
LE GRAND, BRUNO 2,981,933
LE PAGE, CHRISTOPHER JOHN 2,981,644
LE, THANH HUY 2,978,428
LE, TUNG T. 2,978,428
LEACH, MICHAEL D. 2,981,272
LEAF, HARRY VINCENT 2,981,498
LEBESGUE, JULIE 2,982,705
LECH, PATRYCJA 2,982,994
LEDWELL, SAMUEL AUGUSTINE 2,978,882
LEE, BONG HEE 2,980,995
LEE, CHRIS C. 2,979,225
LEE, JAE W. 2,979,038
LEE, JAE-YOUNG 2,977,622
LEE, JAMES D. 2,983,154
LEE, KYU SANG 2,980,995
LEE, LIN-NAN 2,982,753
LEESON, DARREN 2,982,872
LEESON, JOHN 2,982,872
LEESON, JUSTINE 2,982,872
LEGARE, MARC-ANDRE 2,982,621
LEGENDRE, FLORIAN 2,981,202
LEHNERT, BENJAMIN 2,983,205
LEHR, FLORIAN 2,983,077
LEIBOLD, JULIA 2,983,064
LEIDEN UNIVERSITY MEDICAL CENTER 2,981,125
LEKISPORT AG 2,982,805
LELY PATENT N.V. 2,981,232
LEMKE, HARALD 2,983,062
LEMONIS, SISSIMOS 2,979,547
LENARDO, MICHAEL J. 2,979,038
LEONG, MEREDITH LAI LING 2,982,543
LEONG, THOMAS 2,983,184
LEPAGE, JEREMIE 2,983,052
LEPAK, EMMA 2,982,823
LEPAK, JONAH 2,982,823
LESAFFRE ET COMPAGNIE 2,978,669
LESCOP, CYRILLE 2,981,130
LESTER, JOSEPH CRAIG 2,981,847

LETAI, ANTHONY 2,983,022
LETAI, ANTHONY 2,983,024
LEUCHTENBERG, CHRISTIAN 2,982,694
LEUNG, JOSEPH 2,978,630
LEUTHOLD, MARTIN 2,983,050
LEVEL 3 COMMUNICATIONS, LLC 2,982,783
LEVEL 3 COMMUNICATIONS, LLC 2,982,850
LEVIN, DORON 2,965,532
LEVITATION SCIENCES LLC 2,982,583
LEVNER, DANIEL 2,982,749
LEXISNEXIS, A DIVISION OF REED ELSEVIER INC. 2,983,159
LEYDIER, ANTOINE 2,981,562
LEYS, JOHN A., III 2,982,331
LI, BOSHENG 2,982,619
LI, JIAN 2,979,038
LI, JIAN 2,982,493
LI, PENG 2,982,493
LI, YUEJIN 2,981,050
LI, YUEJIN 2,981,054
LI, YUEJIN 2,981,060
LI, ZHENG 2,982,345
LI, ZHIBIN 2,982,881
LIANG, CHUNGEN 2,982,704
LIANG, JINDONG 2,982,777
LIAO, HUA-XIN 2,983,259
LIAO, QINGXIN 2,982,515
LIAO, SHUEH-CHIH 2,983,044
LIAO, ZHIMING 2,982,536
LICHTBERGER, BERNHARD 2,982,624
LIEBE, JORG 2,981,446
LIEDERMAN, ADAM 2,982,849
LILAKOS, LOUIS 2,982,586
LILJA, PER 2,983,234
LILL, JOERG 2,982,825
LIM, KOK SENG 2,983,184
LIMBACK, SCOTT R. 2,982,584
LIN, ARTHUR M. 2,982,444
LIN, CRAIG 2,982,851
LIN, HENRY 2,979,041
LIN, JIANGUO 2,979,312
LIN, YIN-KU 2,981,624
LINDE AKTIENGESELLSCHAFT 2,981,084
LINDE AKTIENGESELLSCHAFT 2,981,101
LINDE AKTIENGESELLSCHAFT 2,982,586
LINDE AKTIENGESELLSCHAFT 2,982,967
LINDE AKTIENGESELLSCHAFT 2,983,177
LINDE AKTIENGESELLSCHAFT 2,983,205
LINDEGGER, URS 2,983,092
LINDSEY, CHRISTOPHER C. 2,982,824
LING, YUHAN 2,983,147
LINKLATER, JAMES 2,982,551
LINNEMANN, CARSTEN 2,981,577
LIPOWSKY, GUNTER 2,981,367
LIU, CHAOWU 2,982,486
LIU, DAVID 2,978,630
LIU, DAVID R. 2,965,967
LIU, HUAN 2,982,821
LIU, JIAJIAN 2,982,777
LIU, QINGJIE 2,965,517
LIU, WENLI 2,982,625
LIU, XIANG 2,982,854
LIU, XIANGHENG 2,982,881
LIU, XING 2,982,507
LIU, XUEHUA 2,982,507
LIU, YANG 2,982,612
LIU, ZHIYONG 2,940,219
LLTECH MANAGEMENT 2,982,211
LO, MONICA 2,982,494
LO, TUNG-FAI 2,982,681
LO, WENDY 2,978,766
LO, WENDY 2,978,767
LOADHOG LIMITED 2,983,093
LOCHINVAR, LLC 2,982,502
LOCK ANTRIEBSTECHNIK GMBH 2,982,214
LOCKE, TYLER 2,982,763
LOCKE, TYLER 2,982,764
LOCKE, TYLER 2,982,772
LOCKE, TYLER 2,982,774
LOCKE, TYLER 2,982,779
LOCKE, TYLER 2,982,785
LOK, KA 2,983,181
LOKKEN, TORBJORN VEGARD 2,982,627
LOKKINEN, MIKA 2,980,962
LOMOVSKAYA, OLGA 2,982,911
LONDEI, MARCO 2,982,555
LONGO, VALTER D. 2,982,875
LOOKOUT, INC. 2,982,463
LOOMIS, MARIA-CRISTINA 2,982,856
LOOMIS, MARIA-CRISTINA 2,982,861
LOONG, MENG 2,982,954
LOOSFELD, MATHIEU 2,982,697
LOREK, JAMES 2,982,676
LOS ALAMOS NATIONAL SECURITY, LLC 2,983,259
LOU, XIAOCHUN 2,965,379
LOUTIT, JEFFREY S. 2,982,911
LOWE, DAVID C. 2,982,400
LOWE, RANDALL D., JR. 2,982,931
LOWELL, NEAL 2,983,017
LOWER, MARTIN 2,982,971
LTS LOHMANN THERAPIE-SYSTEME AG 2,981,397
LTS LOHMANN THERAPIE-SYSTEME AG 2,982,803
LU, AIJUN 2,982,217
LU, WEI 2,979,038
LU, XIANPING 2,982,881
LUCA, VALENTIN 2,982,801
LUFTHANSA SYSTEMS GMBH & CO. KG 2,981,446
LUMMERSTORFER, THOMAS 2,982,910
LUMSDEN, SIMONE ELIZABETH ASHLEY 2,979,991
LUNAU, KEVIN R. 2,982,951
LUND, LILIYA 2,982,587
LUNDEBERG, JOAKIM 2,982,146
LUTTERBUSE, RALF 2,982,682
LUTTRELL, GERALD 2,982,558
LUZZATO, MICHEL 2,981,936
LYCERA CORPORATION 2,982,847
M-I DRILLING FLUIDS UK LTD. 2,982,551
MA, DONG 2,982,777
MA, JING YUAN 2,979,251
MA, XIAOJU MAX 2,982,870
MAAG, HANS 2,982,811
MACCORMICK, SOMHAIRLE 2,966,072
MACDONALD, LYNN 2,979,702
MACEY, CORY 2,982,268
MACGREGOR, ALEXANDER JOHN 2,982,694
MACHIDA, SHUICHI 2,982,645
MACK, PATRICK E. 2,983,062
MACKAY, EVAN G. 2,982,340
MACKEY, ANTHONY M. 2,982,952
MACKEY, SEAN E. 2,965,379
MACLEOD, CALUM 2,982,708
MACOR, JOHN E. 2,965,517
MADDEN, KEVIN DAVID 2,982,665
MADSEN, PEDER SONDERGAARD 2,979,756
MADSEN, SCOTT 2,982,586
MAGGIORE, LUANA 2,981,096
MAGIN, CHELSEA MARIE 2,983,292
MAGISTRELLI, GIOVANNI 2,981,204
MAGNA INTERNATIONAL INC. 2,983,078
MAGNA INTERNATIONAL INC. 2,983,086
MAGNA INTERNATIONAL INC. 2,983,257
MAGRUDER, JONATHAN TRENT 2,982,794
MAGUIRE, MARTIN P. 2,982,622
MAHLER, BORIS 2,981,196
MAHR, ANDREA 2,980,805
MAHR, ANDREA 2,980,814
MAHR, ANDREA 2,983,064
MAI, JENNIFER 2,965,835
MAIDA, JOHN LAURETO 2,982,274
MAIER, MAXIMILIAN 2,982,392
MAIORANA, STEFANO 2,965,590
MAKKONEN, JAANA 2,981,556
MALANYAON, MICHAEL-VINCENT NARIO 2,979,045
MALDONADO, CLARISSA 2,981,150
MALET MUNTE, ROGER 2,983,233
MALGAT, ALEXANDRE 2,981,252
MALICDAN, MAY C. 2,979,640
MALINGE, PAULINE 2,981,204
MALLAH, MARCEL 2,983,213
MALLINCKRODT HOSPITAL PRODUCTS IP LIMITED 2,965,325
MALLOUGH, MITCHELL 2,982,623
MAN DIESEL & TURBO SE 2,983,074
MANAGED PRESSURE OPERATIONS PTE. LTD. 2,982,694
MANCA, LAURENT 2,982,527
MANGNUS-VERHAGEN, NICOLE 2,983,148

MANJUNATH, SIVALINGANNA 2,983,254
MANN, VIKTOR KHRIST'YANOVICH 2,983,108
MANNIK, ANDRES 2,982,409
MANRIQUE, ANTONIO 2,979,666
MANSER, FRANZ 2,983,216
MANSY, FREDERIC 2,982,705
MAO, MATHIEU 2,982,826
MAO, MATHIEU 2,982,831
MAO, MATHIEU 2,982,836
MAO, WEIWEI 2,982,493
MARCATO, MAURIZIO 2,982,700
MARCHAND, ARNAUD DIDIER M. 2,981,845
MARCHETTI, MICHAEL J. 2,983,000
MARCHETTI, MICHAEL J. 2,983,009
MARDEN, DAVID 2,981,871
MARENGO, MATTHEW SEAN 2,982,495
MARES, BENOIT 2,982,686
MARIANO, LISA B. 2,982,892
MARIN PERALES, LAURA 2,982,717
MARKANT INTERNATIONAL B.V. 2,982,256
MARKOWITZ, SANFORD D. 2,982,784
MARKSON, THEODORE 2,982,763
MARS, INCORPORATED 2,982,826
MARS, INCORPORATED 2,982,831
MARS, INCORPORATED 2,982,836
MARTIAL, ROMAIN 2,981,932
MARTIN GARCIA, NURIA 2,982,224
MARTIN GARCIA, NURIA 2,982,672
MARTIN, JEROME 2,981,111
MARTIN, JONATHAN W. 2,982,942
MARTIN, MATTHEW 2,983,204
MARTINEZ, PIERRE 2,981,358
MARTY, LAURENT 2,981,401
MARZEC, VERONIQUE 2,982,705
MASCOLA, JOHN 2,980,005
MASELLI, JAVIER ERNESTO 2,973,049
MASERE, JONATHAN 2,982,465
MASKUS, DOMINIKA 2,980,974
MASLAK, JOEL C. 2,982,783
MASSON, STEPHANE 2,983,196
MASTERCARD INTERNATIONAL INCORPORATED 2,982,760
MATHIEU, JOHANNES 2,975,631
MATSCHINER, GABRIELE 2,982,034
MATSUYAMA, TETSUHIRO 2,982,473
MATTEUCCI, MARK 2,979,251
MATTEY, MICHAEL 2,983,214
MATULENKO, MARK A. 2,965,379
MAURIZI, NICCOLO 2,982,903
MAURUS, DANIEL 2,982,390
MAXSON, JOSEPH KLEBER 2,979,991
MAYER, PETER T. 2,965,379
MAYES, DUNCAN 2,983,084
MAYHEW, GREG 2,982,775
MAYIGOWDA, PRAMOD 2,979,041
MAYO FOUNDATION FOR MEDICAL EDUCATION AND RESEARCH 2,982,994
MAYTESYAN, TATEVIK 2,982,429
MAZET, BENJAMIN 2,975,540
MBALLA MBALLA, MONIQUE ALEXINA 2,982,874
MBDA FRANCE 2,982,697
MCATEER, MARTINA 2,981,125
MCCAFFREY, NIEL 2,982,778
MCCALL, REBECCA K. 2,982,841
MCCARREN, JAY 2,982,848
MCCASLIN, JESSE TYLER 2,982,502
MCCRACKEN, ERIC MATTHEW 2,982,874
MCCRACKEN, ERIC MATTHEW 2,982,882
MCDILL, BRADLEY W. 2,983,254
MCDONNELL, DECLAN ARTHUR 2,982,673
MCFARLAND, ANDREW W. 2,982,931
MCGRANAHAN, NICHOLAS 2,982,266
MCGUIRE, KENNETH STEPHEN 2,981,731
MCGUIRE, KENNETH STEPHEN 2,981,847
MCINTURFF, KIM 2,982,599
MCKAY, TRAVIS 2,982,748
MCKEE, JEFFEREY M. 2,982,066
MCKNIGHT, ANDREW JOHN 2,982,555
MCMASTER UNIVERSITY 2,983,189
MCMASTER UNIVERSITY 2,983,193
MEADOWS, CHRIS 2,982,778
MEDDAY PHARMACEUTICALS 2,980,660
MEDELA HOLDING AG 2,981,977
MEDICOMP, INC. 2,982,553
MEDIMMUNE LIMITED 2,982,400
MEDIMMUNE LIMITED 2,983,067
MEDIOLANUM FARMACEUTICI S.P.A. 2,979,973
MEDLAND, CHRISTOPHER 2,982,434
MEDLAND, CHRISTOPHER 2,982,440
MEDLAND, CHRISTOPHER 2,982,441
MEERSSEMAN, GEERT 2,982,706
MEGAKARYON CORPORATION 2,982,568
MEHTA, KALPA 2,982,869
MEIER, TIMOTHY 2,982,584
MEIJI CO., LTD. 2,983,091
MEISSNER, RUTH 2,981,379
MEISSNER, RUTH 2,981,387
MELLORS, MARK 2,981,101
MELLOW BOARDS GMBH 2,982,411
MELTON, WILLIAM N. 2,982,326
MEMORIAL SLOAN KETTERING CANCER CENTER 2,979,976
MEMORIAL SLOAN KETTERING CANCER CENTER 2,982,896
MEMORY GAMES BVBA 2,982,889
MENGUY, THIERRY 2,982,657
MENICE, KEVIN 2,983,056
MENIN, RUDY 2,978,669
MENON, VINOD K. 2,982,445
MERCK PATENT GMBH 2,981,365
MERCK PATENT GMBH 2,982,664
MERGHOUB, TAHA 2,982,896
MERLIN, SIMONE 2,979,890
MESTACH, DIRK EMIEL PAULA 2,982,864
MESTACH, DIRK EMIEL PAULA 2,982,874
MESTACH, DIRK EMIEL PAULA 2,982,882
METHNER, FRANK-JURGEN 2,983,168
METTLER, KELLY 2,982,778
METZ, KOLJA 2,983,074
METZGER, EDWARD H. 2,982,468
MEYER, CHARLES S. 2,982,219
MEYER, KENT S. 2,981,959
MEYER, TAMARA 2,966,325
MEYER, VINCENT 2,980,011
MEYER, VINCENT 2,980,014
MIAO, KUN 2,982,704
MIAO, XIAOYU 2,976,557
MIC AG 2,983,048
MICALLEF, JACOB VINCENT 2,965,752
MICATU INC. 2,982,565
MICHAUT, ANTOINE BENJAMIN 2,981,404
MICHEL, DOMINIK 2,983,177
MICHIELS, WILHELMUS JOHANNES GERARDUS 2,982,816
MICRO MOTION, INC. 2,982,732
MICROMASS UK LIMITED 2,977,900
MICROMASS UK LIMITED 2,978,165
MICROMASS UK LIMITED 2,981,085
MIDATECH LIMITED 2,981,125
MIDDENDORP, SIMON 2,982,413
MIGUEZ, CARLOS 2,982,382
MIKI, HIROKO 2,982,243
MIKNEVICH, JOSEPH 2,983,264
MILESI, ILARIA 2,982,685
MILESKI, WILLIAM J. 2,982,449
MILESTONE PHARMACEUTICALS INC. 2,982,622
MILKOMAX, SOLUTIONS LAITIERES INC. 2,983,058
MILLER, CHRISTOPHER K. 2,979,410
MILLER, CHRISTOPHER P. 2,965,379
MILLER, DONALD W. 2,983,151
MILLER, JAMES R. 2,982,257
MILLER, MARK 2,982,489
MILLER, PETER C. 2,979,704
MILLER, RICARDA 2,981,379
MILLER, RICARDA 2,981,387
MILLER, SHEA 2,982,821
MILTON, OSKAR 2,982,738
MILWID, JACK 2,983,236
MIMOT, LUDOVIC 2,981,373
MINERS, WILLIAM BEN 2,982,418
MINICH, RAYMOND C. 2,982,073
MINOMIC INTERNATIONAL LTD. 2,983,311
MINZONI, MIRKO 2,981,196
MINZONI, MIRKO 2,983,090
MIRDETECT GMBH 2,982,416
MIRONOV, OLEG 2,982,164
MISEO, SABATO 2,965,532

MITCHELL, JAMES JOHN 2,965,759
MITCHELL, THOMAS MATHEW 2,982,942
MITNACHT-KRAUS, RITA 2,982,401
MITRE, EDWARD E. 2,979,840
MITSUBISHI ELECTRIC CORPORATION 2,982,473
MITSUBISHI HEAVY INDUSTRIES AERO ENGINES, LTD. 2,982,720
MITSUI CHEMICALS, INC. 2,983,089
MITTON, NATHALIE 2,979,477
MIXTER, COLIN 2,982,823
MIYAGI, TAKASHI 2,983,088
MIYAZAKI, TOMOYUKI 2,982,912
MJC, INC. 2,982,468
MO-SCI CORPORATION 2,965,308
MOEBIUS, ULRICH 2,980,840
MOFFAT, WILLIAM A. 2,983,025
MOLECULAR INSIGHT PHARMACEUTICALS, INC. 2,965,196
MOLINER MARIN, MANUEL 2,982,224
MOLINER MARIN, MANUEL 2,982,672
MOLNLYCKE HEALTH CARE AB 2,982,406
MONEREAU, CHRISTIAN 2,980,214
MONOPAR THERAPEUTICS INC. 2,982,460
MONSANTO TECHNOLOGY LLC 2,982,495
MONSANTO TECHNOLOGY LLC 2,983,254
MONTGOMERY CHEMICALS LLC 2,982,542
MOOG INC. 2,982,513
MOONEN, GLENN ANDREW 2,979,541
MOORE, SEAN 2,979,821
MORANDOTTI, ROBERTO 2,983,035
MORAZZONI, PAOLO 2,982,022
MOREAU, ANDRE W. 2,982,328
MOREAU, DARRELL A. 2,982,328
MOREAU, REGINALD 2,982,328
MOREL, YVONNIC 2,982,878
MORETON, PAUL 2,983,261
MORGAN, GEORGE KAVIN, III 2,979,045
MORGAN, PHILIP GRAEME 2,979,141
MORGAN, RONNIE GLEN 2,979,991
MORIA LASE 2,981,222
MORII, OSAMU 2,982,720
MORISHITA, KANA 2,982,991
MORITA, TORU 2,982,243
MORNET, STEPHANE 2,983,079
MORRILL, PAUL 2,979,972
MORRIS, CHRISTOPHER 2,979,840
MORTELMANS, ROSA 2,982,889
MOSIER, PATRICK E. 2,980,110
MOSIER, PATRICK E. 2,980,515
MOSS, JASON 2,965,196
MOSS, MELINDA 2,983,018
MOSSBECK, NIELS 2,982,208
MOTOROLA SOLUTIONS, INC. 2,982,464
MOULTON, ROGER 2,979,346
MOUTAFIS, GEORGE 2,979,541
MOUTON, CLEMENTINE CHARLOTTE MARIE 2,982,888
MOZER, LAURENT 2,982,895
MROZ, KAROLINA ANNA 2,982,422
MUELLER, FRANK 2,981,576
MUKAI, HIROHITO 2,982,490
MULLER, ERIC DICKESON 2,982,755
MULLIGAN, JENNY 2,982,856
MULLIGAN, JENNY 2,982,861
MULLNER, JAMES 2,982,581
MULTIMATIC INC. 2,981,604
MUNCH, ASTRID 2,981,409
MUNHOLLAND, GLEN 2,983,203
MUNOZ, DAVID 2,979,666
MUNZENBERGER, HERBERT 2,982,684
MURPHREE, ZACHARY RYAN 2,980,275
MURPHREE, ZACHARY RYAN 2,982,647
MURPHY, ANDREW J. 2,979,702
MURRAY, KIERAN 2,982,665
MUSC FOUNDATION FOR RESEARCH DEVELOPMENT 2,982,824
MUSSER, ROBERT ELDON 2,983,068
MUSTELIN, TOMAS M. 2,982,400
MUSYOKI, JENNIFER 2,982,869
NAGAI, KAZUKI 2,983,102
NAGORI, RAJENDRA NANDLAL 2,983,250
NAGORI, RAJENDRA NANDLAL 2,983,256
NAHRWOLD, LISA 2,982,682
NAKAI, KAZUOKI 2,983,089
NAKAMARU, HIROKI 2,982,829
NAKAMURA, NORIHIKO 2,982,829
NAKAZAWA, YOSHIAKI 2,983,088
NANDA, AJAYA 2,982,874
NANDA, AJAYA 2,982,882
NANDAGOBAN, ARULNAMBI 2,979,477
NANDANWAR, MANOHAR BABURAO 2,983,250
NANKERVIS, BRIAN 2,983,055
NANOCOPOEIA, LLC 2,965,157
NANOPASS TECHNOLOGIES LTD. 2,981,125
NANTOMICS, LLC 2,978,708
NARASIMHAN, ASHOK 2,982,326
NARVA, KENNETH E. 2,978,766
NARVA, KENNETH E. 2,978,767
NASSER, AZMI 2,965,895
NATHE, NIKLAS MAXIMILIAN 2,981,551
NATIONAL RESEARCH COUNCIL OF CANADA 2,982,382
NATSUME, MIDORI 2,983,091
NAUD, SEBASTIEN 2,981,379
NAUD, SEBASTIEN 2,981,387
NAUNHEIMER, CHRISTOPHER 2,982,837
NAUWELAERS, DAVID 2,981,940
NCH CORPORATION 2,983,301
NEALE, DYLAN BURTON 2,983,292
NEAULT, PATRICK 2,983,185
NEC PLATFORMS, LTD. 2,983,094
NEC PLATFORMS, LTD. 2,983,102
NEGRETE-RAYMOND, ANA 2,979,410
NEGRI, JUAN 2,981,375
NESTE CORPORATION 2,981,556
NESTEC S.A. 2,982,008
NESTEC S.A. 2,982,696
NETFLIX, INC. 2,979,177
NETFLIX, INC. 2,979,680
NETHERLANDS TRANSLATIONAL RESEARCH CENTER B.V. 2,981,844
NEUBER, TOBIAS 2,983,205
NEUMANN, TILL 2,981,551
NEUMEDICINES, INC. 2,966,217
NEUMEDICINES, INC. 2,966,218
NEUMEIER, ZEEV 2,982,797
NEURO-BIO LTD 2,979,972
NEW HEALTH SCIENCES, INC. 2,983,295
NEXT GENERATION RECYCLINGMASCHINEN GMBH 2,980,600
NEXXSPAN HEALTHCARE, LLC 2,982,549
NG, SUMMER W. 2,982,623
NGU, KHEHYONG 2,965,517
NGUYEN VAN, THOMAS JULIEN 2,982,888
NGUYEN, KIEN 2,965,564
NICHOLS, CHRISTOPHER ELTON 2,982,942
NIEDENZU, PHILIPP MARTIN 2,981,119
NIELSEN, FINN 2,982,877
NIEMANSVERDRIET, HENK 2,981,246
NIEMANSVERDRIET, HENK 2,982,053
NIEMCZYK, ANDREW 2,982,746
NIEMEYER, TIMOTHY A. 2,979,749
NIEMINEN, HEIKKI 2,980,799
NIETO, JESUS 2,979,666
NIITSU, YOSHIRO 2,982,643
NILSEN, RUNE 2,982,230
NING, ZHIQIANG 2,982,881
NIPPON STEEL & SUMITOMO METAL CORPORATION 2,981,970
NIPPON STEEL & SUMITOMO METAL CORPORATION 2,983,088
NIPPON TELEGRAPH AND TELEPHONE CORPORATION 2,982,554
NISHIMURA, KIMIO 2,982,986
NISHITA, HIROKI 2,982,643
NISIC, FILIPPO 2,965,590
NISSAN MOTOR CO., LTD. 2,982,546
NISSAN MOTOR CO., LTD. 2,982,729
NISSAN MOTOR CO., LTD. 2,982,744
NISSAN MOTOR CO., LTD. 2,982,751
NISSAN MOTOR CO., LTD. 2,982,886
NISSAN MOTOR CO., LTD. 2,982,932
NISSAN MOTOR CO., LTD. 2,982,986
NISSAN MOTOR CO., LTD. 2,983,172
NITTO DENKO CORPORATION 2,982,643
NIU, XIANGSHAN 2,982,857
NKT HV CABLES GMBH 2,982,202
NOCE, TOSHIZAEMOM 2,979,416
NODES, WILLIAM JOHN 2,966,072

NOEL, ALEXANDRE 2,980,826
NOLKE, GRETA 2,980,796
NOONE, SEAN 2,981,106
NORDISCHER MASCHINENBAU RUD. BAADER GMBH + CO. KG 2,983,085
NORSK HYDRO ASA 2,983,006
NORTH CAROLINA STATE UNIVERSITY 2,983,023
NORTH CAROLINA STATE UNIVERSITY 2,983,289
NORTON, RALPH EDWARD 2,983,045
NOTH, ANDRE 2,982,008
NOUBHANI, ABDELMAJID 2,983,079
NOVARTIS AG 2,979,014
NOVARTIS AG 2,979,336
NOVARTIS AG 2,979,414
NOVATECH EUROPE 2,982,258
NOVELIS INC. 2,979,738
NOVEMBAL USA INC. 2,981,936
NOVIK, ANATOLII 2,983,299
NOVIMMUNE SA 2,981,204
NOVITA NUTRITION, LLC 2,979,393
NOVOZYMES A/S 2,981,409
NUMAO, YASUHIRO 2,982,986
NUODB, INC. 2,982,958
NUSSBAUM, ROBERT GUY 2,983,093
NUTAQ INNOVATION INC. 2,982,712
NUTMAN, THOMAS 2,979,840
NUTRIATI, INC. 2,983,291
NYAMBURA, BILDAD 2,982,948
NYUU, KEISUKE 2,982,912
O' SULLIVAN, CAROL 2,982,665
O'BRIEN, STEPHEN 2,977,900
O'CONNOR, CLARE HELENA 2,979,431
O'REAR, DENNIS JOHN 2,980,933
OBERTHUR TECHNOLOGIES 2,982,878
OBI PHARMA, INC. 2,979,251
OBLIQUE THERAPEUTICS AB 2,981,108
OBSCHESTVO S OGRANICHENNOI OTVETSTVENNOSTIYU "AUTEX LTD." 2,982,737
OBSHCHESTVO S OGRANICHENNOY OTVETSTVENNOST'YU "OBEDINENNAYA KOMPANIYA RUSAL INZHENERNO-TEKHNOLOGICHESKIY TSENTR" 2,983,108
OBUKI, MARIKO 2,983,223
OCEAN OPTICS, INC. 2,982,944
OCERA THERAPEUTICS, INC. 2,983,146
ODE, TAKAYOSHI 2,982,804
ODEN, THOMAS 2,983,231
OGG, JEREMY W. 2,983,117
OGILVY & MATHER DUSSELDORF GMBH 2,983,060
OHNISHI, KEISUKE 2,983,171
OHNO, MASATOSHI 2,982,725
OHNO, TOMOHIRO 2,983,094
OHSHIBA, YUKIO 2,983,091
OHTA, YOSHIAKI 2,982,804
OJALA, ETHAN WAYNE 2,982,856
OJALA, ETHAN WAYNE 2,982,861
OKADA, YOSHIAKI 2,982,912
OKANO, FUMIYOSHI 2,983,232
OKONOGI, HIROSHI 2,982,986
OLAF, MERCIER 2,982,204
OLIVARES, ALICIA 2,982,826
OLIVARES, ALICIA 2,982,831
OLIVARES, ALICIA 2,982,836
OLIVER MALAGELADA, JOAN 2,983,233
OLON S.P.A. 2,965,590
OLSEN, OLE A. 2,983,034
OLSEN, OYSTEIN 2,982,641
OLSEN, TOM 2,983,056
OLSINSKAYA, ROKSANA 2,982,429
OLSON, KATHRYN 2,982,444
OLSON, KURT G. 2,979,865
OLSON, STEVEN R. 2,981,337
OLWILL, SHANE 2,980,838
OLWILL, SHANE 2,980,839
OLWILL, SHANE 2,980,840
OMENETTO, FIORENZO G. 2,979,507
OMNYWAY, INC. 2,982,326
OMOKOKO, TANA 2,982,422
OMYA INTERNATIONAL AG 2,983,210
ONCOIMMUNE, INC. 2,982,612
ONTOCHEM GMBH 2,982,397
OPEX CORPORATION 2,983,157
ORDINARIO, ELLEN 2,982,870
ORWAR, OWE 2,981,108
OSATO, KEN 2,982,725
OSAWA, TOSHIHIKO 2,983,091
OSEI, PATIENCE 2,982,794
OSHETSKI, MICHAEL 2,982,565
OSISOFT, LLC 2,982,498
OSTERBERG, DANIEL 2,982,584
OSTLING, MIKAEL 2,983,240
OTERA, ISSEI 2,982,991
OTSUKA, YUTA 2,982,645
OUMZIL, KHALID 2,983,079
OUNI, SLIM 2,978,822
OVADYA, DANIEL J. 2,983,254
OVERED-SAYER, CATHERINE L. 2,982,400
OYER, JEREMIAH L. 2,965,952
OYERVIDES GARCIA, MANUEL 2,982,495
OZCAM, ALI E. 2,980,283
OZEROV, ALEXEY 2,982,017
PAGANUZZI, VALERIO 2,981,209
PAK, BRIAN SEJOON 2,982,867
PALMER, NIELS 2,983,018
PALSSON, AGNE (DECEASED) 2,983,111
PALUSZCYK, CHANA R. 2,980,876
PAN, DESI 2,982,881
PANASONIC INTELLECTUAL PROPERTY MANAGEMENT CO., LTD. 2,982,490
PANASONIC INTELLECTUAL PROPERTY MANAGEMENT CO., LTD. 2,982,754
PANNEVIS, MARINUS 2,982,826
PANNEVIS, MARINUS 2,982,831
PANNEVIS, MARINUS 2,982,836
PAPAGEORGE, RYAN G. 2,983,000
PAPAGEORGE, RYAN G. 2,983,009
PAPANEK, JULIE 2,983,252
PAPPAS, STEPHEN CHRIS 2,965,325
PAQUETTE, NANCY 2,982,467
PARIKH, BHAIRAVI 2,982,598
PARIS, RODRIGO 2,982,717
PARK, STEVEN 2,982,278
PARK, SUNG-IK 2,977,622
PARLMAX HOLDINGS, LLC 2,982,757
PARTON, RUDY F. M. J. 2,980,140
PASDA, GREGOR 2,978,033
PASSADE-BOUPAT, NICOLAS 2,981,750
PASSERELLO, CORY A. 2,983,117
PATEL, MAHESH VITHALBHAI 2,983,225
PATEL, MAHESH VITHALBHAI 2,983,250
PATEL, MUFTEDAR AHMED IFTEKHAR 2,983,250
PATSOURIS, EMMANUEL PIERRE DIMITRI 2,982,888
PATTERSON-UTI DRILLING COMPANY LLC 2,982,434
PATTERSON-UTI DRILLING COMPANY LLC 2,982,440
PATTERSON-UTI DRILLING COMPANY LLC 2,982,441
PAUL, CHARLES W. 2,982,756
PAUL, ULRICH 2,981,164
PAULIN, TOR 2,980,799
PAVLOVSKI, ALEXANDRE 2,982,375
PECK, JOHN D. 2,981,357
PEDAIN, KLAUS-ULRICH 2,981,367
PEDERSEN, KELD STEFAN 2,983,208
PEDERSEN, SIMON GLERUP 2,979,756
PEEVERS, JEANETTE M. 2,982,495
PEGGS, KARL 2,982,266
PELLET-ROSTAING, STEPHANE 2,981,562
PENDRY, CRAIG WENDELL 2,980,943
PENG, KAH-WHYE 2,982,994
PENG, YANFEI 2,979,225
PENG, YANG 2,979,536
PERDU, GAUTHIER 2,982,686
PEREZ GOMEZ DE CADINANOS, MARIA LUZ 2,981,938
PEREZ, PATRICK 2,982,017
PERFETTI VAN MELLE S.P.A. 2,982,378
PERIS, GORKA 2,981,387
PEROU, CHARLES 2,982,775
PERREAULT, JONATHAN 2,982,382
PERSBERG, ANDREAS 2,982,202
PERSONAL GENOME DIAGNOSTICS, INC. 2,980,078
PETER UND TRAUDL ENGELHORN-STIFTUNG ZUR FORDERUNG DER LEBENSWISSENSCHAFTEN 2,980,819
PETERSEN, BRENT 2,983,018
PETZEL, JAN 2,982,208
PETZEL, JAN 2,982,469

PFARR, GABOR 2,982,669
PHARMACOSMOS HOLDING A/S 2,965,722
PHILIP MORRIS PRODUCTS S.A. 2,981,196
PHILIP MORRIS PRODUCTS S.A. 2,981,252
PHILIP MORRIS PRODUCTS S.A. 2,981,403
PHILIP MORRIS PRODUCTS S.A. 2,981,565
PHILIP MORRIS PRODUCTS S.A. 2,982,164
PHILIP MORRIS PRODUCTS S.A. 2,982,512
PHILIP MORRIS PRODUCTS S.A. 2,982,527
PHILIP MORRIS PRODUCTS S.A. 2,983,090
PHILLIPS, BRIAN 2,983,056
PHUSIS THERAPEUTICS, INC. 2,983,260
PICCOLO, BRIAN 2,982,694
PICHLER, BERNHARD 2,980,600
PICHLER, THOMAS 2,980,600
PICOTE OY LTD 2,980,962
PIERIS PHARMACEUTICALS GMBH 2,980,838
PIERIS PHARMACEUTICALS GMBH 2,980,839
PIERIS PHARMACEUTICALS GMBH 2,980,840
PIERIS PHARMACEUTICALS GMBH 2,982,034
PIERRE FABRE MEDICAMENT 2,981,933
PIERSON, JEAN-THOMAS 2,981,624
PIJNENBURG, JOHANNES PETRUS MARIA 2,981,403
PILL, ROBERTO 2,983,265
PILIPAUSKAS, TIMOTHY C. 2,982,448
PINA MARTINEZ, EDUARDO 2,982,719
PINGIN, VITALIY VALER'EVICH 2,983,108
PINKSTONE, HENRY 2,982,694
PIONTEK, DARYL M. 2,982,073
PISTOR, CHRISTOPH MATTHIAS 2,980,943
PITARCH LOPEZ, JESUS 2,981,367
PITHOUD, EMMANUEL 2,982,883
PITKANEN, PAAVO 2,982,655
PLAIMAUER, BARBARA 2,979,940
PLANTE, JEAN-SEBASTIEN 2,983,037
PLEISSNER, CHRISTIAN 2,981,366
PLOJOUX, JULIEN 2,981,196
PMS HANDELSKONTOR GMBH 2,982,538
PO, RICCARDO 2,981,937
POIRTERS, JOSEPHUS MARTINUS MARIA 2,983,206
POIRTERS, JOSEPHUS MARTINUS MARIA 2,983,226
POIRTERS, JOSEPHUS MARTINUS MARIA 2,983,237
POITEVIN, YVES 2,981,204
POLASKE, MELINDA J. 2,980,876
POLAT, BARIS 2,982,175
POLLMER, NADJA 2,983,077
POLSON, ANDREW 2,979,671
POMEGA, INC. 2,966,325
POMPEN, PETER 2,981,246
POMPEN, PETER 2,982,053
POOL, JEFFREY 2,982,944
POPPE, ALLEN 2,979,541
POREE, THIERRY 2,982,987
PORTER, ANDRE J. 2,982,561
POSNER, BRUCE A. 2,982,784
POST, LEONARD 2,982,769
POTENZIANO, JIM 2,965,325
POUDEROUX, BERTRAND 2,982,987
POWER, WILLIAM R. 2,982,850
POWERCELL SWEDEN AB 2,980,701
PPG INDUSTRIES OHIO, INC. 2,979,865
PRADHAN, ATUL 2,982,565
PRADHAN, VIJAY 2,980,933
PRAXAIR S.T. TECHNOLOGY, INC. 2,979,238
PRAXAIR TECHNOLOGY, INC. 2,982,355
PRAXAIR TECHNOLOGY, INC. 2,982,590
PREMACHANDRAN, RAMAN 2,982,869
PREMIER MAGNESIA, LLC 2,983,007
PRESIDENT AND FELLOWS OF HARVARD COLLEGE 2,965,967
PRESIDENT AND FELLOWS OF HARVARD COLLEGE 2,982,521
PRESIDENT AND FELLOWS OF HARVARD COLLEGE 2,982,749
PRESIDENT AND FELLOWS OF HARVARD COLLEGE 2,983,122
PREUSS, SASHA 2,983,254
PRINGLE, STEVEN DEREK 2,977,900
PRINGLE, STEVEN DEREK 2,978,165
PRINGLE, STEVEN DEREK 2,981,085
PROCTER, PHILIP 2,982,665
PROCTOR, JOSEPH 2,982,581
PROMEDIOR, INC. 2,983,004
PROSERNAT 2,982,686
PROSPECT CHARTERCARE RWMC, LLC D/B/A ROGER WILLIAMS MEDICAL CENTER 2,982,603
PROTECHNA S.A. 2,981,164
PROTECSOM AMERIQUE DU NORD INC. 2,982,987
PUIG ALCORIZA, DAVID 2,982,044
PULE, MARTIN 2,978,852
PULTRUSION TECHNIQUE INC. 2,982,863
PURACATH MEDICAL, INC. 2,983,120
PURETEIN BIOSCIENCE LLC 2,983,068
PUTNAM, BENJAMIN PAUL 2,982,502
PYNNONEN, JANNE 2,983,084
QANDIL, BAYAN 2,982,849
QIN, JIHONG 2,983,040
QIN, ZHENG 2,982,375
QIU, HUAWEI 2,978,439
QIU, JUNZHUAN 2,982,777
QU, LIANGWEI 2,979,536
QUALCOMM INCORPORATED 2,979,890
QUALCOMM INCORPORATED 2,979,911
QUALCOMM INCORPORATED 2,979,996
QUEZADA, DOUGLAS PATRICIO 2,982,605
QUEZADA, SERGIO 2,982,266
QUINLAN, SEAN MICHAEL 2,982,539
QUINN, SEAN 2,980,011
QUINN, SEAN 2,980,014
QUINTERO, CARLOS 2,981,750
RAABE, KYLE JAMES 2,981,150
RABOISSON, PIERRE JEAN-MARIE BERNARD 2,981,404
RABOISSON, PIERRE JEAN-MARIE BERNARD 2,981,845
RADMAT AG 2,979,558
RADVANYI, FRANCOIS 2,982,657
RAE, CHRISTOPHER STEVEN 2,982,543
RAHI, MOURAD F. 2,965,157
RAHIM, FAHIM 2,981,491
RAHIM, NAEEM 2,981,491
RAINBOW BEE EATER IP PTY LTD 2,983,182
RAMANAND, PRAKASH VALENTINO 2,982,445
RAMSEY, CHRISTOPHER PAUL 2,982,528
RANDALL, DARRAN JAMES 2,983,045
RANGASAMY, MURUGESAN 2,978,766
RANGASAMY, MURUGESAN 2,978,767
RAO, MACHINANI 2,965,196
RASOOLY, JULIA A. 2,983,120
RASOOLY, MICHAEL 2,983,120
RATZ, ROLAND 2,982,027
RAU, DORIS 2,982,682
RAUHALA, TIMO 2,980,799
RAUM, TOBIAS 2,982,682
RAVI, KRISHNA M. 2,982,274
RAY, KEITH 2,981,096
RAYTHEON COMPANY 2,982,599
RAZA, SYED A. 2,983,039
READNOUR, CHRISTINE MARIE 2,979,045
READY, JOSEPH 2,982,784
RECKE, CHRISTIAN VON DER 2,965,722
REDFERN, KEVIN 2,982,736
REDICH, ALEXANDER 2,982,937
REES, DAVID G. 2,982,400
REGENERON PHARMACEUTICALS, INC. 2,979,702
REICHL, ALBERT 2,981,366
REICK, HANSJOERG 2,981,576
REIMANN, ANDREAS 2,980,974
REIMER, CHRISTIAN 2,983,035
REMPEX PHARMACEUTICALS, INC. 2,982,911
RENATI, RICHARD JOSEPH 2,982,823
RENGANATHAN, NARENDRAN 2,983,295
RENGER, KARL-HEINZ 2,982,509
RENGER, MARINA 2,982,509
RENKE, CHRISTOPHER PHILIP 2,982,755
RENN, CAROLINE 2,982,392

RENNEL WENNBERG, CAMILLA 2,982,799
RENNERT, ROBERT 2,982,397
RENTSCH, SAMUEL 2,983,210
RENZ, ANKE 2,981,576
REPSOL, S.A. 2,982,717
RESCHWITZER SAUGBAGGER PRODUKTIONS GMBH 2,982,509
RETEND CO., LTD. 2,980,995
REUTER, HARDY 2,982,027
REVERS, EDWARD EUGENE 2,982,973
REY, DIEGO ARIEL 2,983,217
RIBER, DITTE 2,980,978
RIBOLDI, GIANCARLO 2,981,384
RICE, ELENA A. 2,983,254
RICE, LAURA E. 2,982,587
RICHARDSON, DAVID 2,982,463
RICHARDSON, KEITH 2,981,085
RIGGINS, CRAIG ANDREW 2,982,732
RING, CAMERON T. 2,982,494
RING, SANDY J. 2,982,494
RINKER, JENNIFER LEA 2,979,045
RIZZO, ROBERTO 2,981,568
ROADSIDE PRODUCTS PTY LTD 2,983,045
ROBERTS UGRINOVIC, RICARDO ESTEBAN 2,982,719
ROBERTS, KEVIN 2,981,096
ROBERTS, KEVIN 2,981,098
ROBERTS, KEVIN 2,981,103
ROBERTSON, ERLE S. 2,982,602
ROBIBERO, VINCENT 2,983,092
ROBINSON, PETER 2,982,998
ROBINSON, WILLIAM N. 2,982,463
ROCHA, GERALD 2,980,074
RODNEY, PAUL F. 2,982,274
RODRIGUES, GUILLAUME 2,980,214
RODRIGUES, JOAO PAULO 2,979,416
RODRIGUEZ LEAL, ERNESTO 2,982,719
ROER, JOCHEN 2,983,220
ROGER-DALBERT, CELINE 2,982,467
ROGERS, JAMESON 2,982,521
ROGERS, STEVEN 2,979,821
ROGOVOY, BORIS 2,981,404
ROHM AND HAAS COMPANY 2,979,666
ROHM AND HAAS COMPANY 2,979,685
ROHM AND HAAS COMPANY 2,979,686
ROHRER, BAERBEL 2,982,824
ROLLIE, SASCHA 2,983,077
ROLLMANN, PAUL J. 2,980,153
ROMI SYSTEMS AB OY 2,982,506
RONCA, DAVID 2,979,680
RONDON, MARIANNA 2,981,750
RONG, GUANGZHUO 2,980,678
ROPER, TODD 2,982,453
ROSENTHAL, RACHEL 2,982,266
ROTH, STANLEY A. 2,981,050
ROTH, STANLEY A. 2,981,054
ROTH, STANLEY A. 2,981,060
ROTHBERG, JONATHAN M. 2,982,449
ROTHE, CHRISTINE 2,980,838
ROTHE, CHRISTINE 2,980,839
ROTHE, CHRISTINE 2,980,840
ROTTENSTEINER, HANSPETER 2,979,940
ROUSSEAU, VICTOR 2,983,058
ROUSTER, JACQUES 2,981,111
ROWE, MATHEW DENNIS 2,982,438
ROWE, MATHEW DENNIS 2,982,743
ROYMANS, DIRK ANDRE EMMY 2,981,404
ROZTOCKI, PIOTR 2,983,035
RUBENS, JACOB R. 2,983,236
RUBIN, ANDREW E. 2,976,557
RUBIN, VANESSA LISBETH 2,982,856
RUBIN, VANESSA LISBETH 2,982,861
RUBIO MARTINEZ, MARTA 2,983,184
RUDKIN, FIONA MARION 2,978,826
RUETTIMANN, KENNETH 2,983,146
RUGGLES, SANDRA W. 2,982,444
RUIZ ORTA, CAROLINA 2,982,717
RUNSAFE SECURITY, INC. 2,982,867
RUNYON, DONALD 2,982,489
RUSSELL, DAVID 2,982,665
RUSSELL, JENNIFER MARIE 2,982,502
RUSSELL, STEPHEN JAMES 2,982,994
RYAN, JEREMY 2,983,022
RYAN, JEREMY 2,983,024
S2F FLEXICO 2,981,932
SAARI, VILLE 2,980,970
SABISCH, MARKUS 2,981,576
SACHEM, INC. 2,979,346
SADLER, CLAYTON C. 2,983,183
SAFRAN AIRCRAFT ENGINES 2,982,888
SAHA, GOBINDA 2,979,865
SAHIN, UGUR 2,982,390
SAHIN, UGUR 2,982,401
SAHIN, UGUR 2,982,422
SAHIN, UGUR 2,982,971
SAHU, SADANANDA 2,980,011
SAHU, SADANANDA 2,980,014
SAIKAWA, FUMIAKI 2,983,089
SAINATHAN, RAJENDRA KULOTHUNGAN 2,981,409
SAINI, GAGAN 2,980,275
SAINI, GAGAN 2,982,318
SAINT PIERRE, ANTOINE 2,982,258
SAINT-GOBAIN GLASS FRANCE 2,979,475
SAINT-GOBAIN GLASS FRANCE 2,979,478
SALAHIEH, AMR 2,982,823
SALIN, FRANCOIS 2,981,222
SALK INSTITUTE FOR BIOLOGICAL STUDIES 2,983,153
SALMI, ARI 2,980,799
SAMET KALIP VE MADEN ESYA SAN. VE TIC A.S. 2,982,156
SAMET KALIP VE MADEN ESYA SAN. VE TIC A.S. 2,982,158
SAMMUT, ALEXANDER 2,980,110
SAMMUT, ALEXANDER 2,980,515
SAMPATH, DEEPAK 2,981,159
SANCHEZ-BELENGUER, CARLOS 2,982,044
SANDBERG, CHRISTOFFER 2,982,406
SANDERS, BARBARA PETRONELLA 2,981,841
SANDERS, T. BLANE 2,982,203
SANDLER, REUBEN 2,982,778
SANGI, SALEEM 2,982,763
SANGI, SALEEM 2,982,766
SANKARAN, MEERE L. 2,982,444
SANSA CORPORATION (BARBADOS) INC. 2,982,947
SANSA CORPORATION (BARBADOS) INC. 2,982,948
SANSA CORPORATION (BARBADOS) INC. 2,983,026
SANTARELLI, XAVIER-FRANCOIS 2,983,079
SAREMI, FARBOD 2,982,975
SARIAGA, LEAH 2,982,848
SARITA, JANCARLO 2,983,295
SARTORIUS STEDIM BIOTECH GMBH 2,983,050
SASAKI, WATARU 2,982,720
SASAKI, YUICHI 2,982,473
SATWICZ, JEFF 2,983,056
SAUDI ARABIAN OIL COMPANY 2,979,751
SAUER, DAVID JAMES 2,983,155
SAUER, LINDA ANN 2,981,150
SAUL, TOM 2,982,823
SAVANT SYSTEMS, LLC 2,983,051
SAVIDGE, BETH 2,983,254
SCALLEY-KIM, MICHELLE 2,982,856
SCALLEY-KIM, MICHELLE 2,982,861
SCANZILLO, THOMAS L. 2,983,000
SCANZILLO, THOMAS L. 2,983,009
SCARGIALI, FRANCESCA 2,981,568
SCARLESKI, WILLIAM JOHN 2,982,583
SCHAEFER, NORBERT 2,982,713
SCHAEFER, ROBERT 2,982,713
SCHARFE, FELIX 2,982,538
SCHARFE, OSCAR 2,982,538
SCHAUKSDAT, SARAH-JANE 2,981,401
SCHEELE, JANNIK 2,982,713
SCHEIFLINGER, FRIEDRICH 2,979,940
SCHEUERMANN, TORSTEN 2,981,551
SCHEUFLER, CHRISTIAN 2,982,392
SCHEVETS, ANDREW 2,982,537
SCHEXNAIDER, NEIL PATRICK 2,982,273
SCHIEMANN, KAI 2,981,365
SCHILLBERG, STEFAN 2,980,796
SCHLEGL, ROBERT 2,980,812
SCHLEICHER, MICHAEL J. 2,982,331
SCHLOSSER, CORINNA 2,980,838
SCHLOSSER, CORINNA 2,980,840
SCHMID, JUERG 2,982,221
SCHMID, MARKUS 2,978,033
SCHMIDT, ERNST L. 2,982,897
SCHMIDT, MARKUS 2,980,970
SCHMIDT, TIMOTHY R. 2,981,598
SCHNEIDER, HEIKO 2,982,967
SCHOBER, UWE 2,982,713
SCHOELLHAMMER, CARL MAGNUS 2,982,175
SCHOEPPE, ARNULF 2,979,694

SCHOLS, DOMINIQUE 2,981,398
SCHOLZ, ALEXANDER 2,983,077
SCHOOR, OLIVER 2,980,805
SCHOOR, OLIVER 2,980,814
SCHOOR, OLIVER 2,983,064
SCHRAMM, HENNING 2,981,366
SCHREIBER, CHRISTOPH 2,982,411
SCHREIBER, MICHAEL 2,983,077
SCHROEDER, AVRAHAM 2,982,175
SCHROEDER, BRADLEY JAMES 2,982,434
SCHROEDER, BRADLEY JAMES 2,982,440
SCHROEDER, BRADLEY JAMES 2,982,441
SCHRORS, BARBARA 2,982,971
SCHUBERT, FRITZ 2,981,576
SCHUBERT, MAX 2,980,796
SCHUETZ, NADINE 2,982,826
SCHUETZ, NADINE 2,982,831
SCHUETZ, NADINE 2,982,836
SCHUKRA GERATEBAU GMBH 2,982,208
SCHUKRA GERATEBAU GMBH 2,982,469
SCHULER, ANDY 2,979,680
SCHULTZ ZAVIN, REBECCA 2,976,557
SCHULTZ, GREGORY SCOTT 2,983,292
SCHULTZ, JEFFREY MICHAEL 2,982,584
SCHULZE, CHRISTIAN 2,982,675
SCHUMACHER, ANTONIUS 2,981,577
SCHUMACHER, KARL-HEINZ 2,983,199
SCHWENDEMAN, IRINA G. 2,979,865
SCOTT, DANNY 2,979,866
SCOTT, IAN C. 2,982,400
SEBASTIAN, RICHARD 2,982,567
SEDEL, FREDERIC 2,980,660
SEDORY, SAMUEL R.E. 2,982,651
SEEWALD, TORSTEN 2,983,168
SEGURA FERNANDEZ, SONIA 2,982,717
SEIFRIED, FABIAN 2,982,150
SELLE, KURT M. 2,983,023
SELLERS, BENJAMIN 2,982,217
SEN, SUBRATA 2,980,140
SEPARATION TECHNOLOGIES LLC 2,981,498
SEQUEIRA, VITOR 2,982,044
SERT, BULENT 2,981,498
SEVENICH, ALEXANDRA L. 2,979,194
SHAH, GEETANJALIBEN 2,982,756
SHAN, SONG 2,982,881
SHAND, MARK ALEXANDER 2,983,007
SHANGHAI HENGRUI PHARMACEUTICAL CO., LTD. 2,982,777
SHANGHAI HONGYAN RETURNABLE TRANSIT PACKAGINGS CO., LTD. 2,982,515
SHANGHAI HUILUN LIFE SCIENCE & TECHNOLOGY CO., LTD 2,983,040
SHANNON, THOMAS GERARD 2,982,552
SHARKLET TECHNOLOGIES, INC. 2,983,292
SHARMA, AVADHESH KUMAR 2,983,256
SHARMA, SANJAY 2,983,159
SHARMA, VIJAY K. 2,983,254
SHARMAN, AARON 2,982,500
SHAULL, ROSS R. 2,982,958
SHBAITA, HAYTHAM 2,982,014
SHEA, JOHN J. 2,980,153
SHELL INTERNATIONALE RESEARCH MAATSCHAPPIJ B.V. 2,981,199
SHELL INTERNATIONALE RESEARCH MAATSCHAPPIJ B.V. 2,982,885
SHEN, JIAN KUN 2,983,264
SHENZHEN CHIPSCREEN BIOSCIENCES, LTD. 2,982,881
SHENZHEN JIAWEI PHOTOVOLTAIC LIGHTING CO., LTD. 2,940,219
SHEPARD, JEFFREY D. 2,982,761
SHEPARD, JEFFREY D. 2,982,762
SHERMAN, FAIZ FEISAL 2,979,674
SHI, BO 2,982,552
SHI, LIU 2,979,536
SHIBAURA INSTITUTE OF TECHNOLOGY 2,982,716
SHIFAMED HOLDINGS, LLC 2,982,823
SHIGEMORI, TOMOHIRO 2,982,568
SHIH, JOSEPH DE-CHUNG 2,983,252
SHIH, YING-CHU 2,983,121
SHIMODAIRA, SEIJI 2,983,172
SHTERN, DAVID 2,979,277
SHUKEN, RANDY 2,982,760
SHUMAN, STEWART 2,982,896
SHUTTLEWORTH, STEPHEN JOSEPH 2,966,072
SIBOLE, ALEXANDRA 2,982,794
SICPA HOLDING SA 2,982,337
SIDDIQUI, MASOOD 2,982,951
SIEGRIST, THOMAS 2,983,216
SIEMENS AKTIENGESELLSCHAFT 2,981,366
SIEMENS AKTIENGESELLSCHAFT 2,982,691
SILVA, FRANCK ALEXANDRE 2,966,072
SILVA, LAURIE 2,982,491
SILVA, LEONARDO FERREIRA DO CARMO 2,979,416
SILVER, HARRY R. 2,983,159
SILVERMAN, JARED 2,983,236
SIM, HONG CHENG MICHAEL 2,982,754
SIMMONS, BRYAN D. 2,981,977
SIMON FRASER UNIVERSITY 2,982,373
SIMON, ANJA 2,982,014
SIMON, DANIEL 2,977,900
SIMON, DANIEL 2,978,165
SIMON, PETRA 2,982,422
SIMONI, DAVID A. 2,982,841
SINGER, JULIAN MORGAN 2,982,461
SINGH, HARPREET 2,980,805
SINGH, HARPREET 2,980,814
SINGH, HARPREET 2,983,064
SINGH, KRISAN 2,983,291
SINIQ GMBH 2,982,221
SISODIYA, VIKRAM NATWARSINHJI 2,978,630
SISODIYA, VIKRAM NATWARSINHJI 2,983,158
SITTER, BRETT J. 2,980,283
SK CHEMICALS CO., LTD. 2,980,474
SKACH, JOHN R. 2,981,977
SKAHAN, MICHAEL S. 2,982,951
SKELLY, TREVOR 2,982,066
SKIQUIKY, INC. 2,981,491
SKOCYPEC, DAVID 2,983,056
SKYTRON, LLC 2,982,585
SKYTRON, LLC 2,982,589
SLEEMAN, MATTHEW 2,982,400
SLUTSKY, ARTHUR 2,982,947
SLUTSKY, ARTHUR 2,982,948
SLUTSKY, ARTHUR 2,983,026
SMALLEY, BRIAN 2,981,825
SMEETS, FLORIAN 2,982,150
SMIRNOVA, OLGA 2,982,696
SMITH, BRIAN J. 2,983,147
SMITH, JEFFREY T.L. 2,982,856
SMITH, JEFFREY T.L. 2,982,861
SMITH, RENATA 2,982,778
SMITH, SCOTT A. 2,982,491
SMITH, THOMAS SULLIVAN, II 2,982,739
SMITS, ANGELA LEONARDA MARIA 2,980,502
SOARES, CID ARAUJO 2,979,416
SOARES, HUGO 2,981,398
SOBCZAK, LUKAS 2,982,910
SOCIETA' PER AZIONI FRATELLI CITTERIO 2,983,061
SOFER, TZEIRA 2,966,325
SOLED, STUART L. 2,965,532
SOLIDIA TECHNOLOGIES, INC. 2,980,011
SOLIDIA TECHNOLOGIES, INC. 2,980,014
SONDEX WIRELINE LIMITED 2,982,461
SONG, COLETTE 2,980,814
SONG, COLETTE 2,983,064
SONG, KYUNG 2,981,159
SONIFI SOLUTIONS, INC. 2,983,161
SONITOR TECHNOLOGIES AS 2,982,641
SORENSEN, PER AGGERHOLM 2,983,207
SOTO, ANDRE 2,980,288
SOWERS, BEN 2,982,600
SPATIAL TRANSCRIPTOMICS AB 2,982,146
SPENCER, ROGER LYNN 2,982,809
SPENCER, ROGER LYNN 2,982,812
SPG INTERNATIONAL LLC 2,983,219
SPIEKERMANN, MEIKE 2,982,416
SPILGIES, HEIKO 2,982,803
SPINELLI, MICHAEL 2,983,291
SPITZER, JEFFREY A. 2,982,841
SPRAYBERRY, KELLY GENE 2,982,468
SPRESSO NOVO CAP LTD. 2,981,764
SPRIGGS, DAVID 2,979,976

SPRING BIOSCIENCE CORPORATION 2,982,536
SPRINGER, TYSON ANDREW 2,982,434
SPRINGER, TYSON ANDREW 2,982,440
SPRINGER, TYSON ANDREW 2,982,441
SQUARE, INC. 2,982,755
SRIVASTAVA, GITA 2,982,244
SRIVASTAVA, PIYUSH B. 2,982,244
STABEN, STEVEN T. 2,982,708
STAEHR, LARS 2,982,893
STAFFORD, JEFFREY ALAN 2,982,588
STAHL, PATRIK 2,982,146
STAMBULI, JAMES 2,965,379
STANCIK, CHERYL MARIE 2,981,119
STANLEY, IAN 2,983,182
STANLEY, SCOTT KENDYL 2,981,731
STANLEY, SCOTT KENDYL 2,981,847
STARHOLM, SVERRE 2,982,230
STATIC CONTROL COMPONENTS, INC. 2,982,942
STATOIL PETROLEUM AS 2,982,627
STAUDT, CLAUDIA 2,981,401
STEELE, MARK 2,982,820
STEEN, IDAR KJETIL 2,983,006
STEENECK, CHRISTOPH 2,965,512
STEENECK, CHRISTOPH 2,965,515
STEENECK, CHRISTOPH 2,965,518
STEIGER, DANIEL 2,979,694
STEINBRENNER, ULRICH 2,982,014
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